

Mouse IL-1 alpha Recombinant Protein, PeproTech®

Product Details

Size	1 mg
Species	Mouse
Published Species	Mouse, Chicken
Expression system	E. coli
Amino acid sequence	SAPYTYQSDL RYKLMKLVQR KFVMNDSLNR TIYQDVVKHY LSTTWLNDLQ QEVKFDMYAY SSGGDDSKYP VTLKISDSQL FVSAQGEDQP VLLKELPETP KLITGSETDL IFFWKSINSK NYFTSAAYPE LFIATKEQSR VHLARGLPSP TDFQIS
Molecular weight	17.9 kDa
Class	Recombinant
Type	Protein
Purity	98% by SDS-PAGE gel and HPLC analyses.
Endotoxin concentration	<1 EU/μg
Activity	The ED50 as determined by the dose-dependent stimulation of murine D10S cells is 0.002 ng/ml, corresponding to a specific activity of 5 x 10 ⁸ units/mg.
Conjugate	Unconjugated
Form	Lyophilized
Purification	HPLC, SDS-PAGE
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	1 Publication
Functional Assay (FN)	Assay-dependent	-
In vitro Assay (IV)	-	25 Publications
Miscellaneous PubMed (Misc)	-	7 Publications

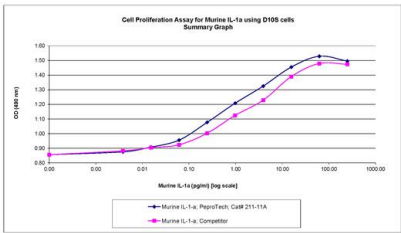
Product Specific Information

Recombinant Murine IL-1alpha is a 17.9 kDa protein containing 156 amino acid residues.

This product is shipped at ambient temperature. For storage, handling and reconstitution information, please see the lot-specific Certificate of Analysis

Product Images For Mouse IL-1 alpha Recombinant Protein, PeproTech®

Mouse IL-1 alpha Protein (211-11A-1MG) in FN
Bioassay analysis of Mouse IL-1 alpha Recombinant Protein, PeproTech®
(Product # 211-11A-1MG).



ELISA (1)

<p>BMC immunology</p> <p>The interplay between surfaces and soluble factors define the immunologic and angiogenic properties of myeloid dendritic cells.</p> <p>Authors: Sprague L,Muccioli M,Pate M,Meles E,McGinty J,Nandigam H,Venkatesh AK,Gu MY,Mansfield K,Rutowski A, Omosebi O,Courreges MC,Benencia F</p>	<p>Year 2011</p> <p>Species Mouse</p>
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In vitro Assay (25)

<p>Mucosal immunology</p> <p>Intestinal microbe-dependent 3 lipid metabolite KetoA prevents inflammatory diseases in mice and cynomolgus macaques.</p> <p>Authors: Nagatake T,Kishino S,Urano E,Murakami H,Kitamura N,Konishi K,Ohno H,Tiwari P,Morimoto S,Node E, Adachi J,Abe Y,Isoyama J,Sawane K,Honda T,Inoue A,Uwamizu A,Matsuzaka T,Miyamoto Y,Hirata SI,Saika A,Shibata Y,Hosomi K,Matsunaga A,Shimano H,Arita M,Aoki J,Oka M,Matsutani A,Tomonaga T,Kabashima K,Miyachi M, Yasutomi Y,Ogawa J,Kunisawa J</p>	<p>Year 2022</p> <p>Species Mouse</p>
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<p>Journal of immunology (Baltimore, Md. : 1950)</p> <p>Constitutive Expression of CCL22 Is Mediated by T Cell-Derived GM-CSF.</p> <p>Authors: Piseddu I,Röhrlé N,Knott MML,Moder S,Eiber S,Schnell K,Vetter V,Meyer B,Layritz P,Kühnemuth B, Wiedemann GM,Gruen J,Perleberg C,Rapp M,Endres S,Anz D</p>	<p>Year 2020</p> <p>Species Mouse</p>
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Miscellaneous PubMed (7)

<p>Journal of neuroinflammation</p> <p>Fluoxetine inhibited the activation of A1 reactive astrocyte in a mouse model of major depressive disorder through astrocytic 5-HT_{2B}R/-arrestin2 pathway.</p> <p>"211-11A was used in Cell Culture to investigate the precise interactions between fluoxetine and 5-HT2B receptor."</p> <p>Authors: Fang Y,Ding X,Zhang Y,Cai L,Ge Y,Ma K,Xu R,Li S,Song M,Zhu H,Liu J,Ding J,Lu M,Hu G</p>	<p>Year 2022</p> <p>Species Mouse</p>
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