

Product Datasheet

Recombinant Mouse IL-1 alpha/IL-1F1 Protein NBP2-35107-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35107-100ug

Recombinant Mouse IL-1 alpha/IL-1F1 Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered solution in PBS (pH 7.4)
Target Molecular Weight	17.9 kDa

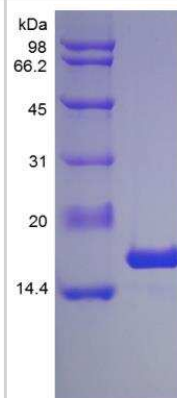
Product Description	
Description	A single non-glycosylated polypeptide chain containing 156 amino acids corresponding to IL-1 alpha/IL-1F1 Source: <i>E. coli</i> Uniprot ID: Q3U0Y6 Amino Acid Sequence: SAPYTYQSDL RYKLMKLVQR KFMNDSLNR TIYQDVVKHY LSTTWLNDLQ QEVKFDMYAY SSGGDDSKYP VTLKISDSQL FVSAQGEDQP VLLKELPETP KLITGSETDL IFFWKSINSK NYFTSAAYPE LFIATKEQSR VHLARGLPSM TDFQIS
Gene ID	3552
Gene Symbol	IL1A
Species	Mouse
Details of Functionality	IL1 alpha Protein is Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine D10S cells is less than 2 pg/ml, corresponding to a specific activity of > 5.0 x 10 ⁸ IU/mg.
Endotoxin Note	Less than 1 EU/ug of IL-1 alpha/IL-1F1 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



Images

SDS-Page: Mouse IL-1 alpha/IL-1F1 Protein [NBP2-35107]



Publications

He JH, Liu RP, Peng YM et al. Differential and paradoxical roles of new-generation antidepressants in primary astrocytic inflammation Journal of Neuroinflammation 2021-02-18 [PMID: 33602262]



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Products Related to NBP2-35107-100ug

NBP2-35227-100ug	Recombinant Rat IL-1 alpha/IL-1F1 Protein
236-EG-200	EGF [Unconjugated]
200-LA-002	IL-1 alpha/IL-1F1
210-TA-005	TNF-alpha [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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