

Product Datasheet

Recombinant Human CXCL8/IL-8 Protein NBP2-34905-5ug

Unit Size: 5ug

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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NBP2-34905-5ug

Recombinant Human CXCL8/IL-8 Protein

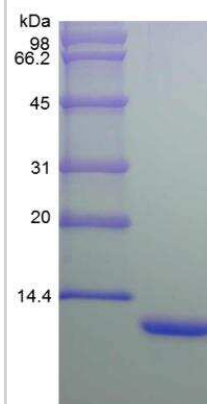
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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 concentrated solution in PBS, pH 7.4.
Target Molecular Weight	8.4 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 72 amino acids corresponding to CXCL8/IL-8 Source: <i>E. coli</i> Uniprot ID: <i>P10145</i> Amino Acid Sequence: <i>SAKELRCQCI KTYSKPFHPK FIKELRVIES GPHCANTEII VKLSDGRELC LDPKENWVQR VVEKFLKRAE NS</i>
Gene ID	3576
Gene Symbol	CXCL8
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a chemotaxis bioassay using human CXCR2 transfected mouse BaF3 cells is less than 2 ng/ml, corresponding to a specific activity of > 5.0 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of CXCL8/IL-8 as determined by LAL method.

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

Images

SDS-Page: Human CXCL8/IL-8 72 a.a Protein [NBP2-34905]



Publications

Wang Ju, Shi Zi-Qi, Xu Xiaojun, Xin Gui-Zhong. Triptolide inhibits amyloid-b production and protects neural cells by inhibiting CXCR2 activity. J Alzheimers Dis 2013-01-01 [PMID: 22986777]

Geng R, Tan X, Wu J et al. RNF183 promotes proliferation and metastasis of colorectal cancer cells via activation of NF-kB-IL-8 axis Cell Death Dis 2017-08-10 [PMID: 28796265] (Human)





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Products Related to NBP2-34905-5ug

NBP2-35234-100ug	Recombinant Porcine CXCL8/IL-8 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY208-05	CXCL8/IL-8 [Biotin]
DVE00	VEGF [HRP]

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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