

Product Datasheet

Recombinant Human TNF-alpha Protein NBC1-18460

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBC1-18460

Recombinant Human TNF-alpha Protein

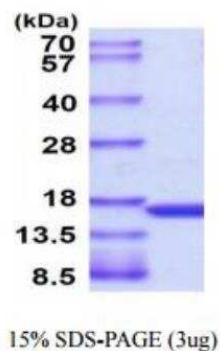
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	PBS (pH 7.4)
Target Molecular Weight	17.5 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 77-233 of Human TNF-alpha</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MVRSSSRTPS DKPVAHVVAN PQAEGQLQWL NRRANALLAN GVELRDNQLV VPSEGLYLIY SQVLFKGGGC PSTHVLLTHT ISRIAVSYQT KVNLLSAIKS PCQRETPEGA EAKPWYEPIY LGGVFQLEKG DRLSAEINRP DYLDFAESGQ VYFGIIAL</p>
Gene ID	7124
Gene Symbol	TNF
Species	Human
Details of Functionality	Measured in a cytotoxicity assay using L-929 mouse fibroblast cells in the presence of the metabolic inhibitor actinomycin D. The ED50 for this effect is less or equal to 0.2 ng/ml.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

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

Images

SDS-Page: Recombinant Human TNF-alpha Protein [NBC1-18460] - 15% SDS-PAGE (3ug)



Publications

Tiina Kelkka, Paula Savola, Dipabarna Bhattacharya, Jani HUUHTANEN, Tapio LÖNNBERG, Matti KANKAINEN, Kirsi PAALANEN, Mikko TYSTER, Maija LEPISTÖ, Pekka ELLONEN, Johannes SMOLANDER, Samuli ELDFORS, Bhagwan YADAV, Sofia KHAN, Riitta KOIVUNIEMI, Christopher SJÖWALL, Laura L. ELO, Harri LÄHDESMÄKI, Yuka MAEDA, HIROYOSHI NISHIKAWA, Marjatta LEIRISALO-REPO, Tuulikki SOKKA-ISLER, Satu MUSTJOKI Adult-Onset Anti-Citrullinated Peptide Antibody-Negative Destructive Rheumatoid Arthritis Is Characterized by a Disease-Specific CD8+ T Lymphocyte Signature *Frontiers in Immunology* 2020-11-19 [PMID: 33329548]

Baker HN, Murphy R, Lopez E et al. Conversion of a capture ELISA to a Luminex xMAP assay using a multiplex antibody screening method *J Vis Exp* 2012-07-01 [PMID: 22806215] (ELISA)

Details:

This citation used the Biotin version of this antibody.





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Products Related to NBC1-18460

NBP2-35076-10ug	Recombinant Human TNF-alpha Protein
M6000B-1	IL-6 [HRP]
210-TA-005	TNF-alpha [Unconjugated]
201-LB-005	IL-1 beta/IL-1F2 [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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