

Recombinant human Interleukin-12 subunit beta protein

Catalog No: #AP71942

Orders: order@signalwayantibody.com

Package Size: #AP71942-1 20ug #AP71942-2 100ug #AP71942-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Interleukin-12 subunit beta protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:23-328aaSequence Info:Full Length
Other Names	Cytotoxic lymphocyte maturation factor 40KDA subunit ;CLMF p40IL-12 subunit p40NK cell stimulatory factor chain 2 ;NKSF2
Accession No.	P29460
Uniprot	P29460
GeneID	3593;
Calculated MW	61.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	IWELKKDVYVVELDWYPDAPGEMVVLTCDTPEEDGITWTLDQSSEVLGSGKTLTIQVKEFGDAGQYTCHKGG EVLSHSLLLLLHKKEDGIWSTDILKDQKEPKNKTFRLRCEAKNYSGRFTCWWTITISTDLTFSVKSSRGSSDPQG VTCGAATLSAERVGRDNGKEYEYSVEQCEDSACPAAEESLPIEVMVDAVHKLKYENYSSFFIRDIIKPDPPKNL QLKPLKNSRQVEVSWEYPDTWSTPHSYFSLTFCVQVQGKSKREKKDRVFTDKTSATVICRKNASISVRAQDR YYSSSWSEWASVPCS
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK,lymphokine-activated killer cells, and stimulate the production of IFN-gamma by resting PBMC.

References

Purification to homogeneity and partial characterization of cytotoxic lymphocyte maturation factor from human B-lymphoblastoid cells.Stern A.S., Podlaski F.J., Hulmes J.D., Pan Y.C.E., Quinn P.M., Wolitzky A.G., Familletti P.C., Stremlo D.L., Truitt T., Chizzonite R., Gately M.K.Proc. Natl. Acad. Sci. U.S.A. 87:6808-6812(1990)Research Topic:Immunology

Note: This product is for in vitro research use only