

IL-12/IL-12A&IL-12B Recombinant Protein | IL12 recombinant protein

Recombinant Human IL-12/IL-12A&IL-12B Protein

CATALOG #
AAA283360

HOST
HEK293 cells

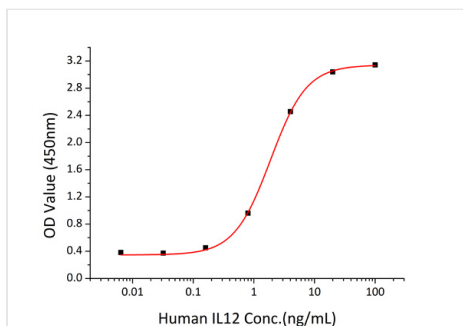
PRODUCT SYNONYMS

IL-12/IL-12A&IL-12B; Recombinant Human IL-12/IL-12A&IL-12B Protein; CLMF; IL12; p70; Interleukin-12; IL12A; P35; NKSF; IL12 recombinant protein

PRODUCT SPECIFICATIONS

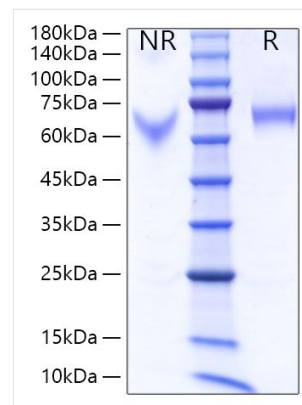
Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Sequence	IWELKKDYYV VELDWPDPAP GEMVVLTCDT PEEDGITWTL DQSSEVLGSG KTLTIQVKEF GDAGQYTCHK GGEVLSHSL LLHKEDGIW STDILKDQKE PKNKTFLRCE AKNYSGRFTC WWLTTISTDL TFSVKSSRGS SDPQGVTCGA ATLSAERVGR DNKEYEYSVE CQEDSACPAA EESLPIEVMV DAVHKLKYEN YTSSFFIRDI IKPDPPKNLQ LKPLKNSRQV EVSWEYPDTW STPHSYFSLT FCVQVQGKSK REKKDRVFTD KTSATVICRK NASISVRAQD RYYSSSWSEW ASVPCSGGGG SRNLPVATPD PGMFPCLLHS QNLLRAVSNM LQKARQTLEF YPCTSEEDH EDITKDKTST VEACLPLELT KNESCLNSRE TSFITNGSCL ASRKTSFMMA LCLSIYEDL KMYQVEFKTM NAKLLMDPKR QIFLDQNMLA VIDELMQALN FNSETVPQKS SLEEPDFYKT KIKLCILLHA FRIRAVTIDR VMSYLNAS
Species	Human
Tag	C-His
Endotoxin	<0.01EU/ug of the protein by LAL method.
Bio-Activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED ₅₀ for this effect is 0.94-3.75ng/mL, corresponding to a specific activity of 2.67×10 ⁵ ~1.06×10 ⁶ units/mg.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.

IMAGES



Application Data

Recombinant Human IL-12/IL-12A&IL-12B Protein induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED₅₀ for this effect is 0.94-3.75 ng/mL, corresponding to a specific activity of 2.67×10⁵~1.06×10⁶ units/mg.



SDS-PAGE

Recombinant Human IL-12/IL-12A&IL-12B Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-75kDa.

ADDITIONAL INFORMATION

Product Categories/Family for IL12 recombinant protein	Cytokines & Cytokine receptors; Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24430219
NCBI GeneID	3592&3593
NCBI Accession #	NP_000873.2
NCBI GenBank Nucleotide #	NM_000882.3
UniProt Accession #	P29459; P29460
UniProt Protein Name	Interleukin-12 subunit alpha
UniProt Gene Name	IL12A
UniProt Synonym Gene Names	NKSF1; IL-12A; CLMF p35; NKSF1
UniProt Entry Name	IL12A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il12a-recombinant-protein-hek293-cells/283360>