



# Recombinant *Cavia porcellus* Interleukin-12 subunit beta (IL12B)

<b>Product Code</b>	CSB-EP846073GU-B
<b>Abbreviation</b>	IL12B
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q924V5
<b>Storage Buffer</b>	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	<i>Cavia porcellus</i> (Guinea pig)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MWELKKDV YVVELDWHTD APGETVVLTC NTAEDGITW TSDRKSDILG SGKTLTIQVK EFEDAGGYTC HKGGEVLSRS QLLLHKKEDE IWSTDILKEQ KGSNGKTLK CEARSYSGRF TCWWLTAFGT DVKFSVKGSR GSSDPSGVTC GEAERVSGDN QEYKYSVECQ EDSACPTAEE SLPIEVVDA IHKFKYENYT SSFYIRDIK PDPPKNLQLK PSVNSQQVEV SWEYPDTWST PHSYFSLTFL VQTHGKNKNR REKKYELFTD KTSATVSCHK ISKVEVRARD RYYSSSWSEW ASVSCSEVSV SR
<b>Source</b>	E.coli
<b>Target Names</b>	IL12B
<b>Protein Names</b>	Recommended name: Interleukin-12 subunit beta Short name= IL-12B Alternative name(s): Cytotoxic lymphocyte maturation factor 40 kDa subunit Short name= CLMF p40 IL-12 subunit p40
<b>Expression Region</b>	23-332
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	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.