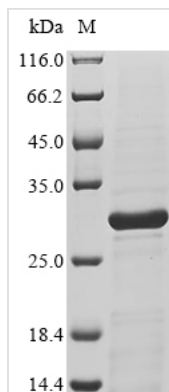




Recombinant *Macaca fascicularis* Interleukin-11 (IL11)

Product Code	CSB-EP324092MOV
Abbreviation	Recombinant Cynomolgus monkey IL11 protein
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.
Uniprot No.	P20808
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	<i>Macaca fascicularis</i> (Crab-eating macaque) (Cynomolgus monkey)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	PGPPPGSPRASDPRAELDSTVLLTRSLLEDTRQLTIQLKDKFPADGDHNLDS LPTLAMSAGALGALQLPSVLTRLRADLLSYLRHVQWLRRAMGSSLKTLEPELG TLQTRLDRLRLQLLMSRLALPQLPPDPPAPPLAPPSSTWGGIRAAHAILGGL HLTLDWAVRGLLLLKTRL
Research Area	Cancer
Source	E.coli
Target Names	IL11
Protein Names	Recommended name: Interleukin-11 Short name= IL-11
Expression Region	22-199aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	25.4 kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The construction of a plasmid coding for the *Macaca fascicularis* (Crab-eating macaque) IL11 protein (22-199aa) is the initial step for the preparation of the recombinant *Macaca fascicularis* (Crab-eating macaque) IL11 protein. The next is to transform the constructed plasmid into *e.coli* cells. *e.coli* cells containing the plasmid are screened and then cultured under conditions that promote the expression of the gene of interest. The protein is equipped with a N-terminal 6xHis tag. After that, affinity purification is used to isolate and purify the recombinant IL11 protein from the cell lysate. Finally, the resulting recombinant IL11 protein undergoes SDS-PAGE analysis, demonstrating a purity greater than 85%.

Shelf Life

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.