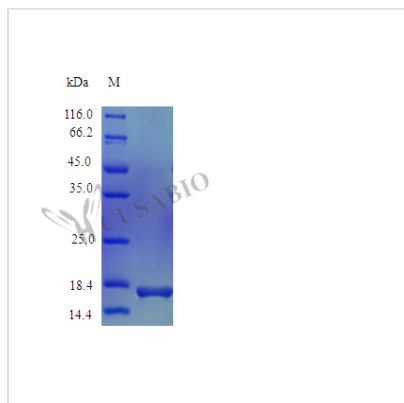




Recombinant Mouse Interleukin-36 alpha protein (Il36a) (Active)

Product Code	CSB-AP003431MO
Abbreviation	Recombinant Mouse Il36a protein (Active)
Uniprot No.	Q9JLA2
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 1 mM DTT, 3 % trehalose
Product Type	Interleukin
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion in murine NIH/3T3 cells is less than 25 ng/ml, corresponding to a specific activity of $>4.0 \times 10^4$ IU/mg.
Purity	>95% as determined by SDS-PAGE.
Sequence	RAASPSLRHV QDLSSRVWIL QNNILTAVPR KEQTVPVTIT LLPCQYLDLTL ETNRGDPTYM GVQRPMSCFL CTKDGEQPV LQLGEGNIMEM YNKKEPVKAS LFYHKKSGTT STFESAAPFG WFIACVSKGS CPLILTQELG EIFITDFEMI VVH
Research Area	Immunology
Source	E.coli
Target Names	Il36a
Expression Region	8-160aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	17.1 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	10744718; 11466363; 16141072; 20101239; 21860022; 21965679; 21881584; 23029241; 24829417

Image


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

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.

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.