



Recombinant Human Interleukin-36 alpha protein (IL36A) (Active)

Product Code	CSB-AP002001HU
Abbreviation	Recombinant Human IL36A protein (Active)
Uniprot No.	Q9UHA7
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris, 300 mM NaCl, pH 8.0, 0.1 % Tween 80
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by inducing IL-8 secretion in human preadipocytes is less than 10 ng/ml, corresponding to a specific activity of $>1.0 \times 10^5$ IU/mg.
Purity	>95% as determined by SDS-PAGE.
Sequence	KIDTPQQGSI QDINHRVWVL QDQTLIAVPR KDRMSPVTIA LISCRHVETL EKDRGNPIYL GLNGLNLCLM CAKVGDAQPTL QLKEKDIMDL YNQPEPVKSF LFYHSQSGRN STFESVAFPG WFIASVSEGG CPLILTQELG KANTTDFGLT MLF
Research Area	Immunology
Source	E.coli
Target Names	IL36A
Expression Region	6-158aa
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	10625660; 11991722; 14702039; 15815621; 15489334; 11466363; 14734551; 16777052; 21965679; 21881584; 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.