



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

Product Code	CSB-AP001921HU
Abbreviation	Recombinant Human IL36A protein (Active)
Uniprot No.	Q9UHA7
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 2 × PBS, pH 7.4
Product Type	Interleukin
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The specific activity determined by its ability in a functional ELISA. Immobilized rHuIL-36α at 1 µg/mL can bind recombinant human IL-1 Rrp2 Fc Chimera with a range of 0.15-5 µg/mL.
Purity	≥95% as determined by SDS-PAGE.
Sequence	MEKALKIDTP QQGSIQDINH RVWVLQDQTL IAVPRKDRMS PVTIALISCR HVETLEKDRG NPIYLGLNGL NLCLMCAKVG DQPTLQLKEK DIMDLYNQPE PVKSFLFYHS QSGRNSTFES VAFPGWFIIV SSEGGCPLIL TQELGKANTT DFGLTMLF
Research Area	Immunology
Source	E.coli
Target Names	IL36A
Expression Region	1-158aa
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	17.7 kDa
Protein Length	Full Length
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.