



Recombinant Human Interleukin-32 (IL32)

Product Code	CSB-EP011655HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P24001
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AWVSACDTEG TVGHGPGWRD KDPALWCQLC LSSQHQAIER FYDKMQNAES GRGQVMSSLA ELEDDFKEGY LETVAAYYEE QHPELTPLE KERDGLRCRG NRSPVPDVED PATEEPGESF CDKVMRWFQA MLQRLQTWWH GVLAWVKEKV VALVHAVQAL WKQFQSFCCS LSELFMSSFQ SYGAPRGDKE ELTPQKCSEP QSSK
Source	E.coli
Target Names	IL32
Protein Names	Recommended name: Interleukin-32 Short name= IL-32 Alternative name(s): Natural killer cells protein 4 Tumor necrosis factor alpha-inducing factor
Expression Region	31-234
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
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.