



Recombinant Human Involucrin (IVL)

Product Code	CSB-EP011922HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P07476
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSQQHTLPVT LSPALSQELL KTVPPPVNTH QEQMKQPTPL PPPCQKVPVE LPVEVPSKQE EKHMTAVKGL PEQECEQQQK EPQEQLQQQ HWEQHEEYQK AENPEQQLKQ EKTQRDQQLN KQLEEEKKLL DQQLDQELVK RDEQLGMKKE QLLELPEQQE GHLKHLEQQE GQLKHPEQQE GQLELPEQQE GQLELPEQQE GQLELPEQQE GQLELPEQQE GQLELPEQQE GQLELPQQQE GQLELSEQQE GQLELSEQQE GQLKHLEHQE GQLEVPEEQM GQLKYLEQQE GQLKHLDDQE KQPELPEQQM GQLKHLEQQE GQPKHLEQQE GQLEQLEEQE GQLKHLEQQE GQLEHLEHQE GQLGLPEQQV LQLKQLEKQQ GQPKHLEEEE GQLKHLVQQE GQLKHLVQQE GQLEQQERQV EHLEQQVQGL KHLEEQEGQL KHLEQQQGQL EVPEQQVGQP KNLEQEEKQL ELPEQQEGQV KHLEKQEAQL ELPEQQVGQP KHLEQQEKHL EHPEQQDGQL KHLEQQEGQL KDLEQQKGQL EQPVFAPAPG QVQDIQPALP TKGEVLLPVE HQQKQEVQW PPKHK
Source	E.coli
Target Names	IVL
Protein Names	Recommended name: Involucrin
Expression Region	1-585
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 protein
Target Details	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profilaggrin, loricrin, and calcyclin.
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.