

Recombinant Human KRT8 protein, His-SUMO-tagged

Cat. No. KRT8-3152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KRT8 protein(P05787)(2-483aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-483aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	69.6 kDa
AA Sequence	SIRVTQKSYKVSTSGPRAFSSRSYTSRSGPGRISSSSSFSRVGSSNFRGGLGGGYGGA SGMGGITAVTVNQSLLSPLVLEVDPNIAVVRTQEKEQIKTLNKNKFAFIDKVRFLFLEQQ NKMLETKWSLLQQQKTARSNMDNMFESYINLRRQLETLGQEKLKLEAELGNMQG LVEDFKNKYEDEINKRTEMENEFVLIKKDVDEAYMNKVELESRLGLELTDEINFLRQLY EEEIRELQSQISDTSVVLSDNRSRLDMSIIAEVKAQYEDIANRSRAEAESMYQIKY EELQSLAGKHGDDLRRRTKTEISEMNRNISRQAIEIQLKGRASLEAAIADAEQRGE LAIKDANAKLSELEAALQRAKQDMARQLREYQELMNVKALDIEIATYRKLLEGEESR LESGMQNMSIHTKTTSGYAGGLSSAYGGLTSPGLSYSLGSSFGSGAGSSSSFSRTSS SRAVVVKKIETRDGKLVSESSDVLPK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	KRT8 keratin 8 [Homo sapiens]
Official Symbol	KRT8
Synonyms	KRT8; keratin 8; keratin, type II cytoskeletal 8; CARD2; CK8; CYK8; K2C8; K8; KO; cytokeratin 8; cytokeratin-8; type-II keratin Kb8; CK-8;
Gene ID	3856
mRNA Refseq	NM_001256282
Protein Refseq	NP_001243211
MIM	148060
UniProt ID	P05787

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