

Active Recombinant Human CTSL Protein, His-tagged

Cat. No. CTSL-120H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CTSL Protein(NP_001903.1) (Met 1-Val 333) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-333 aa
Form	Lyophilized from sterile 50 mM NaAc, 100 mM NaCl, pH 7.5.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD74 at 5 µg/ml (100 µl/well) can bind biotinylated human CTSL1 with a linear range of 3.2-400 ng/ml.
Molecular Mass	The recombinant human CTSL1 consists of 327 amino acids and has a predicted molecular mass of 37.3 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of recombinant human CTSL1 is approximately 37 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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