

Recombinant Human CTSS protein, His-tagged

Cat. No. CTSS-2766H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSS protein(P25774)(115-331aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	115-331aa
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	28 kDa
AA Sequence	LPDSVDWREKGCVTEVKYQGSCGACWAFSAVGALEAQLKLKTGKLVLSAQNLVD CSTEKYGNKGCNNGGFMTTAFQYIIDNKGIDSDASYPYKAMDQKCQYDSKYRAATCS KYTELPGREDVLKEAVANKGPVSVGVDARHPSFFLYRSGVYYEPSCQTQNVNHGVL VVGYGDLNGKEYWLVKNSWGHNFGEEGYIRMARNKGNHCGIASFPSPYPEI
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.

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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	CTSS cathepsin S [Homo sapiens]
Official Symbol	CTSS
Synonyms	CTSS; cathepsin S; MGC3886; FLJ50259;
Gene ID	1520
mRNA Refseq	NM_001199739
Protein Refseq	NP_001186668
MIM	116845
UniProt ID	P25774

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