

Recombinant Human CTSO protein, His&Myc-tagged

Cat. No. CTSO-2765H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSO protein(P43234)(108-321aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	108-321aa
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	28.5 kDa
AA Sequence	LPLRFDWRDKQVVTQVRNQQMCGGCWAFSVVGAVESAYAIAIKGKPLEDLSVQQVID CSYNNYGCNGGSTLNALNWLNMVVKLVKDSEYPFKAQNGGLCHYFSGSHSGFSIK GYSAYDFSDQEDEMALKALLTFGPLVVIVDAVSWQDYLGGIIQHHCSSGEANHAVLIT GFDKTGSTPYWIVRNSWGSSWGVGDGYAHVKMGSNVCGIADSVSSIFV
Purity	Greater than 85% 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	CTSO cathepsin O [Homo sapiens]
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Official Symbol	CTSO
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Synonyms	CTSO; cathepsin O; CTSO1;
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Gene ID	1519
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mRNA Refseq	NM_001334
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Protein Refseq	NP_001325
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MIM	600550
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UniProt ID	P43234
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