Recombinant Human CTSO protein, MBP&His-tagged

Cat. No. CTSO-2213H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSO protein(P43234)(108-321aa), fused to N-terminal MBP tag and C-terminal His tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
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	67.5 kDa
AA Sequence	LPLRFDWRDKQVVTQVRNQQMCGGCWAFSVVGAVESAYAIKGKPLEDLSVQQVIDCSYNNYGCNGGSTLNALNWLNKMQVKLVKDSEYPFKAQNGLCHYFSGSHSGFSIKGYSAYDFSDQEDEMAKALLTFGPLVVIVDAVSWQDYLGGIIQHHCSSGEANHAVLITGFDKTGSTPYWIVRNSWGSSWGVDGYAHVKMGSNVCGIADSVSSIFV
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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

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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	CTSO cathepsin O [Homo sapiens]
Official Symbol	CTSO
Synonyms	CTSO; cathepsin O; CTSO1;
Gene ID	1519
mRNA Refseq	NM_001334
Protein Refseq	NP_001325
MIM	600550
UniProt ID	P43234

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