

Recombinant Human CSTB protein, His-SUMO-tagged

Cat. No. CSTB-2750H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CSTB protein(P04080)(1-98aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-98aa
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	27.1 kDa
AA Sequence	MCGAPSATQPATAETQHIADQVRSQLEEKENKKFPVFKAVSFKSQVVAGTNYFIKVVH VGDEDFVHLRVFQSLPHENKPLTLSNYQTNKAKHDELTYF
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.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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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	CSTB cystatin B (stefin B) [Homo sapiens]
Official Symbol	CSTB
Synonyms	CSTB; cystatin B (stefin B); EPM1, STFB; cystatin-B; CST6; PME; CPI-B; liver thiol proteinase inhibitor; ULD; EPM1; STFB; EPM1A;
Gene ID	1476
mRNA Refseq	NM_000100
Protein Refseq	NP_000091
MIM	601145
UniProt ID	P04080

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