

Recombinant Human CTSH protein, His-tagged

Cat. No. CTSH-0261H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSH protein(Ala23-Val335), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ala23-Val335
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CTSH consists of 324 amino acids and predicts a molecular mass of 36.62 kDa. It migrates as an approximately 105.13 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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.

GENE INFORMATION

Gene Name CTSH cathepsin H [Homo sapiens]

Official Symbol CTSH

Synonyms CTSH; cathepsin H; CPSB; pro-cathepsin H; ACC 4; ACC 5; aleurain; cathepsin B3; cathepsin BA; N-benzoylarginine-beta-naphthylamide hydrolase; ACC-4; ACC-5; minichain; MGC1519; DKFZp686B24257;

Gene ID 1512

mRNA Refseq NM_004390

Protein Refseq NP_004381

MIM 116820

UniProt ID P09668

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