

Recombinant Rhesus CTSB protein, His-tagged

Cat. No. CTSB-416R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus CTSB(Met1-Phe339) fused with His tag at the C-terminus was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Met1-Phe339
Predicted N Terminal	His 18
Form	Lyophilized from sterile 25 mM Tris, 150 mM NaCl, pH 7.5.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
Molecular Mass	The recombinant rat Ctsb consists 333 amino acids and predicts a molecular mass of 37.1 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade

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Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	CTSB cathepsin B [<i>Macaca mulatta</i>]
Official Symbol	CTSB
Synonyms	CTSB; cathepsin B
Gene ID	100424758
mRNA Refseq	NM_001194899
Protein Refseq	NP_001181828
MIM	
UniProt ID	
Chromosome Location	chromosome: 8



Pathway

Antigen processing and presentation, organism-specific biosystem; Lysosome, organism-specific biosystem; Renin secretion, conserved biosystem

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