

Recombinant Human CTSA Protein, MYC/DDK-tagged

Cat. No. CTSA-3374H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CTSA protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the peptidase S10 family of serine carboxypeptidases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate two chains that comprise the heterodimeric active enzyme. This enzyme possesses deamidase, esterase and carboxypeptidase activities and acts as a scaffold in the lysosomal multienzyme complex. Mutations in this gene are associated with galactosialidosis.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CTSA cathepsin A [Homo sapiens]
Official Symbol	CTSA
Synonyms	GLB2; GSL; NGBE; PPCA; PPGB
Gene ID	5476
mRNA Refseq	NM_000308
Protein Refseq	NP_000299
MIM	613111
UniProt ID	P10619

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