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Product datasheet for TP720386

Cathepsin V (CTSV) (NM_001333) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cathepsin L2 (CTSL2)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Val18-Val334
Tag:	C-His
Predicted MW:	36.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM MES, 150mM NaCl, pH 5.5.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001324
Locus ID:	1515
UniProt ID:	O60911, A0A024R141
Cytogenetics:	9q22.33
Synonyms:	CATL2; CTSL2; CTSU
Summary:	The protein encoded by this gene, a member of the peptidase C1 family, is a lysosomal cysteine proteinase that may play an important role in corneal physiology. This gene is expressed in colorectal and breast carcinomas but not in normal colon, mammary gland, or peritumoral tissues, suggesting a possible role for this gene in tumor processes. Alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011]
Protein Families:	Druggable Genome, Protease

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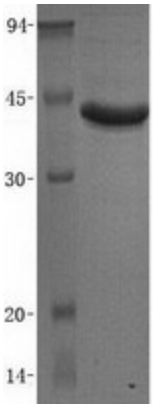
Protein Pathways: Lysosome

Product images:



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