

Recombinant Human CTSV Protein, GST-tagged

Cat. No. CTSV-2115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CTSL2 full-length ORF (NP_001324.2, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	63.7 kDa
AA Sequence	MNLSLVLA AFCLGIASAVPKFDQNLDTKWYQWKATHRRLYGANEEGWRRRAVWEKN MKMIELHNGEYSQKGHGFTMAMNAFGDMTNEEFRQMMGCFRNQKFRKGKVFREP LFLDLPKSVDWRKKGYVTPVKNQKQCGSCWAFSATGALEGQMFRKTGKLVSLSEQ NLVDCSRPQGNQGCNGGFMARAFQYVKENGGLDSEESYPYVAVDEICKYRPENSV ANDTGFTVVAPGKEKALMKAVATVGPISVAMDAGHSSFQFYKSGIYFEPDCSSKNL DHGVLVVGYGFE GANSNN SKYWL VKNSWGPEWGSNGYVKIAKDKNNHCGIATAAS YPNV
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CTSV cathepsin V [Homo sapiens (human)]
Official Symbol	CTSV
Synonyms	CTSL2; cathepsin L2; CTSU; CTSV; cathepsin U; cathepsin V; cathepsin L2, preproprotein; CATL2; MGC125957;
Gene ID	1515
mRNA Refseq	NM_001201575
Protein Refseq	NP_001188504
MIM	603308
UniProt ID	O60911

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