

Recombinant Human CTRC, GST-tagged

Cat. No. CTRC-11680H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human CTRC protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

Species Human

Source E.coli

ProteinLength 1-268a.a.

Description This gene encodes a member of the peptidase S1 family. The encoded protein is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. Alternatively spliced transcript variants have been observed, but their full-length nature has not been determined.

Storage The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

Storage Buffer 1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name CTRC chymotrypsin C (caldecrin) [Homo sapiens]

Official Symbol CTRC

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Synonyms	CTRC; chymotrypsin C (caldecrin); chymotrypsin-C; CLCR; ELA4; elastase 4; caldecrin; elastase IV; serum calcium decreasing factor;
Gene ID	11330
mRNA Refseq	NM_007272
Protein Refseq	NP_009203
MIM	601405
UniProt ID	Q99895
Chromosome Location	1p36.21
Function	peptidase activity; serine-type endopeptidase activity;

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