

Recombinant Human CTRL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CTRL-4522H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CTRL MS Standard C13 and N15-labeled recombinant protein (NP_001898) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a serine-type endopeptidase with chymotrypsin- and elastase-2-like activities. The gene encoding this zymogen is expressed specifically in the pancreas and likely functions as a digestive enzyme.
Molecular Mass	28 kDa
AA Sequence	MLLLSLTSLVLLGSSWGCIPAIKPALSFSQRIVNGENAVLGSWPWQVSLQDSSGF HFCGGSLISQSWVVTAAHCNVSPGRHFVVLGEYDRSSNAEPLQVLSVSRATHPSW NSTTMNNDVTLLKLASPAQYTTTRISPVCLASSNEALTEGLTCVTTGWGRLSGVGNVT PAHLQQVALPLVTVNQCRQYWGSSITDSMICAGGAGASSCQGDSGGPLVCQKGNT WVLIGIVSWGTKNCNVRAPAVYTRVSKFSTWINQVIAYNTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	CTRL chymotrypsin-like [Homo sapiens (human)]
Official Symbol	CTRL
Synonyms	CTRL; CTRL1; chymotrypsin-like; chymotrypsin-like protease CTRL-1; EC 3.4.21.-
Gene ID	1506
mRNA Refseq	NM_001907
Protein Refseq	NP_001898
MIM	118888
UniProt ID	P40313

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