Recombinant Human CAPN13 Protein, GST-tagged

Cat. No. CAPN13-309H **Lot. No.** (See product label)

SPECIFICATION

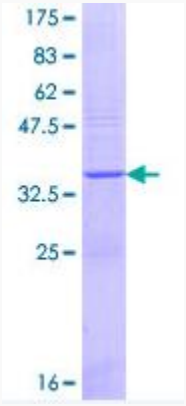
Product Overview	Recombinant Human CAPN13(570 a.a. - 668 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	570 a.a. - 668 a.a.
Description	The calpains, calcium-activated neutral proteases, are nonlysosomal, intracellular cysteine proteases. The mammalian calpains include ubiquitous, stomach-specific, and muscle-specific proteins. The ubiquitous enzymes consist of heterodimers with distinct large, catalytic subunits associated with a common small, regulatory subunit. This gene encodes a member of the calpain large subunit family.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.63 kDa
AA Sequence	LVHYQHVFQKVQTSPGVLLSSDLWKAIENTDFLRGIFISRELLHLVTLRYSDSVGRVS FPSLVCFLMRLEAMAKTFRNLSKDGKGLYLTEMEWMSLVMY
Applications	Enzyme-linked Immunoabsorbent; Assay Western Blot (Recombinant protein); Antibody Production; Protein Array

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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.

GENE INFORMATION

Gene Name	CAPN13 calpain 13 [Homo sapiens]
Official Symbol	CAPN13
Synonyms	CANP 13; calcium-activated neutral proteinase 13
Gene ID	92291
mRNA Refseq	NM_144575
Protein Refseq	NP_653176
MIM	610228
UniProt ID	Q6MZZ7



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