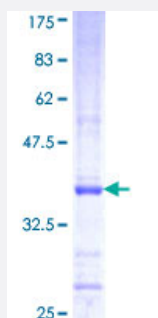


CAPN11 (Human) Recombinant Protein (Q01)

Catalog # H00011131-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CAPN11 partial ORF (NP_008989, 557 a.a. - 651 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LLNRMAIKFKSFKTKGFLDACRCMINLMDKDGSGKLGLEFKILWKKLKKWMDIFRECDQDHSG TLNSYEMRLVIEKAGIKLNNKVMQVLVARY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.19
Interspecies Antigen Sequence	Mouse (74); Rat (73)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CAPN11

Entrez GeneID	11131
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GeneBank Accession#	NM_007058
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Protein Accession#	NP_008989
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Gene Name	CAPN11
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Gene Alias	calpain11
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Gene Description	calpain 11
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Omim ID	604822
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Gene Ontology	Hyperlink
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Gene Summary	Calpains constitute a family of intracellular calcium-dependent cysteine proteases. There are eight members in this superfamily. They consist of a variable 80 kDa subunit and an invariant 30 kDa subunit. This calpain protein appears to have protease activity and calcium-binding ability. A similar mouse protein may play a functional role in spermatogenesis and in the regulation of calcium-dependent signal transduction events during meiosis. [provided by RefSeq]
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Other Designations	OTTHUMP00000039887 calcium-activated neutral proteinase 11
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