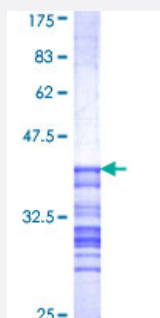


CDC7 (Human) Recombinant Protein (Q01)

Catalog # H00008317-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDC7 partial ORF (NP_003494, 201 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	QGTHDTKIELLK FVQSEAQQERC SQNKSHITGNKIPLSGPVPKELDQQSTTKASVKRPYTNAQIQIK QGKDGKEGSVGLSVQRSVFGERNFNIHSSISH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (77); Rat (81)
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 — CDC7

Entrez GeneID	8317
GeneBank Accession#	NM_003503
Protein Accession#	NP_003494
Gene Name	CDC7
Gene Alias	CDC7L1, HsCDC7, Hsk1, MGC117361, MGC126237, MGC126238, huCDC7
Gene Description	cell division cycle 7 homolog (S. cerevisiae)
Omim ID	603311
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cell division cycle protein with kinase activity that is critical for the G1/S transition. The yeast homolog is also essential for initiation of DNA replication as cell division occurs. Overexpression of this gene product may be associated with neoplastic transformation for some tumors. Multiple alternatively spliced transcript variants that encode the same protein have been detected. [provided by RefSeq]
Other Designations	CDC7 (cell division cycle 7, S. cerevisiae, homolog)-like 1 OTTHUMP00000011788 cell division cycle 7 cell division cycle 7-like protein 1

Pathway

- [Cell cycle](#)

Disease

- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)