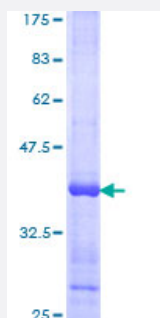


KNTC1 (Human) Recombinant Protein (Q01)

Catalog # H00009735-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KNTC1 partial ORF (NP_055523, 2100 a.a. - 2209 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DPQVILKQLEEhMNTGQLAGFSHQIRSLILNNINKKEFGILAKTKYFQMLKMHAMNTNNITELVNYLA NDLSLDEASVLITEYSKHCGKPVPPDTAPCEILKMFLSGLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (76); 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 — KNTC1

Entrez GeneID	9735
GeneBank Accession#	NM_014708
Protein Accession#	NP_055523
Gene Name	KNTC1
Gene Alias	FLJ36151, KIAA0166, ROD
Gene Description	kinetochore associated 1
Omim ID	607363
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is one of many involved in mechanisms to ensure proper chromosome segregation during cell division. Experimental evidence indicated that the encoded protein functioned in a similar manner to that of the Drosophila rough deal protein. [provided by RefSeq]
Other Designations	Rough Deal homolog, centromere/kinetochore protein

Disease

- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)