

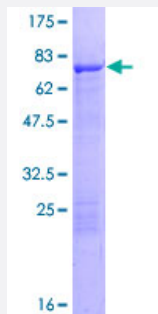
Full-Length

TEKT2 (Human) Recombinant Protein (P01)

Catalog # H00027285-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TEKT2 full-length ORF (NP_055281.2, 1 a.a. - 430 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MATLSVKPSRRFQLPDWHTNSYLLSTNAQLQRDASHQIRQEARVLRNETNNQTIWDEHDNRTRLV
ERIDTVNRWKEMLDKCLTDLDAEIDALTQMKESAEQNLQAKNPLDVAIECLTLRESRRDIDVVKD
PVEDELHKEVEVIEATKKALQQKVSQAFEQLCLLQEVQQQLNSDHRGKMETLEIDRGCLSLNLS
PNISLKVDPTRVPDGSSTLQQWDDFSRFNKDRAEAEMKAATELREATALTIAETNNELEAQRVAT
EFAFRKRLREMEKVYSELKWQEKNTLEEIAELQEDIRHLEEDLRTKLLSLKLSHTRLEARTYRPNV
ELCRDQAQYGLTDEVHQLEATIAALKQKLAQAQDALDALCKHLARLQADIACKANSMLLDTKCMD
TRRKLTPAERFVPEVDTFTRTTNSTLSPLKSCQLELA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

76.1

Interspecies Antigen Sequence

Mouse (83); Rat (84)

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 — TEK2

Entrez GeneID	27285
GeneBank Accession#	NM_014466.2
Protein Accession#	NP_055281.2
Gene Name	TEK2
Gene Alias	TEKTB1, TEKTN-T, h-tektin-t
Gene Description	tektin 2 (testicular)
Omim ID	608953
Gene Ontology	Hyperlink
Gene Summary	This gene product belongs to the tektin family of proteins. Tektins comprise a family of filament-forming proteins that are coassembled with tubulins to form ciliary and flagellar microtubules. This gene is expressed in the testis and its protein is localized to the flagella of the sperms, indicating that it may play a role in spermatogenesis. [provided by RefSeq]
Other Designations	tektin 2 testicular tektin B1-like protein