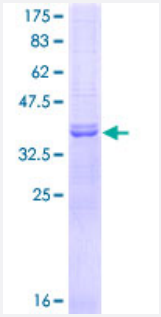
NEK6 (Human) Recombinant Protein (Q01)

Catalog # H00010783-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NEK6 partial ORF (AAH00101, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGQPGHMPHGGSSNNLCHTLGPVHPPDPQRHPNTLSFRCSLADFQIEKKIGRGQFSEVYKATC LLDRKTVALKKVQIFEMMDAKARQDCVKEIGLLKQV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Interspecies Antigen Sequence	Mouse (95); Rat (96)
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 — NEK6

Entrez GeneID	10783
GeneBank Accession#	BC000101
Protein Accession#	AAH00101
Gene Name	NEK6
Gene Alias	SID6-1512
Gene Description	NIMA (never in mitosis gene a)-related kinase 6
Omim ID	604884
Gene Ontology	Hyperlink
Gene Summary	The Aspergillus nidulans 'never in mitosis A' (NIMA) gene encodes a serine/threonine kinase that controls initiation of mitosis. NIMA-related kinases (NEKs) are a group of protein kinases that are homologous to NIMA. Evidence suggests that NEKs perform functions similar to those of NIMA.[s upplied by OMIM
Other Designations	OTTHUMP00000022095|OTTHUMP00000022097|putative serine-threonine protein kinase

Disease

- Genetic Predisposition to Disease
- Narcolepsy
- Tobacco Use Disorder