

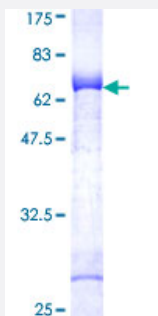
Full-Length

NEK7 (Human) Recombinant Protein (P01)

Catalog # H00140609-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NEK7 full-length ORF (NP_598001.1, 1 a.a. - 302 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDEQSQGMQGPPVPQFQPQKALRPDMGYNTLANFRIEKKIGRGQFSEVYRAACLLDGVPVALKK
VQIFDLMDAKARADCIKEIDLLKQLNHPNVIKYASFIEDNELNVLELADAGDLSRMIKHFKKQKRLI
PERTVWKYFVQLCSALEHMSRRVMHRDIKPANVFITATGVVKLGDGLGRFFSSKTTAAHSLVG
TPYYMSPERIHENGYNFKSDIWSLGCLLYEMAALQSPFYGDKMNLVSLCKKIEQCDYPPLPSDHYS
EELRQLVNMCIINPDPEKRPDVTYVYDVAKRMHACTASS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

58.85

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 — NEK7

Entrez GeneID	140609
GeneBank Accession#	NM_133494.1
Protein Accession#	NP_598001.1
Gene Name	NEK7
Gene Alias	-
Gene Description	NIMA (never in mitosis gene a)-related kinase 7
Omim ID	606848
Gene Ontology	Hyperlink
Gene Summary	NIMA-related kinases share high amino acid sequence identity with the gene product of the Aspergillus nidulans 'never in mitosis A' gene, which controls initiation of mitosis.[supplied by OMIM]
Other Designations	OTTHUMP00000033680

Disease

- [Adenocarcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic Neoplasms](#)