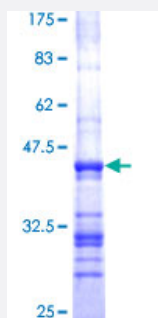


NEK2 (Human) Recombinant Protein (Q01)

Catalog # H00004751-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NEK2 partial ORF (AAH43502, 331 a.a. - 445 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EQELCVRERLAEDKLARAENLLKNYSLLKERKFLSLASNPELLNLPSSVIKKKVHFSGESKENIMR SENSESQ L TSKSKCKDLKKRLHAAQLRAQALSDIEKNYQLKSRQILGMR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.28
Interspecies Antigen Sequence	Mouse (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 — NEK2

Entrez GeneID	4751
GeneBank Accession#	BC043502
Protein Accession#	AAH43502
Gene Name	NEK2
Gene Alias	HsPK21, NEK2A, NLK1
Gene Description	NIMA (never in mitosis gene a)-related kinase 2
Omim ID	604043
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000035216

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosomal Instability](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Obesity](#)

- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)