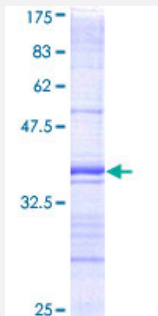


DAPK1 (Human) Recombinant Protein (Q01)

Catalog # H00001612-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DAPK1 partial ORF (NP_004929, 1211 a.a. - 1310 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LLDSVCSTIENVMTTLPGLLTVKHYLSPQQLREHHEPVMIYQPRDFFRAQTLKETSLTNTMGGY KESFSSIMCFGCHDVYSQASLGMDIHASDLNLLT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — DAPK1

Entrez GeneID [1612](#)

GeneBank Accession# [NM_004938](#)

Protein Accession# [NP_004929](#)

Gene Name DAPK1

Gene Alias DAPK, DKFZp781I035

Gene Description death-associated protein kinase 1

Omim ID [600831](#)

Gene Ontology [Hyperlink](#)

Gene Summary Death-associated protein kinase 1 is a positive mediator of gamma-interferon induced program med cell death. DAPK1 encodes a structurally unique 160-kD calmodulin dependent serine-threonine kinase that carries 8 ankyrin repeats and 2 putative P-loop consensus sites. It is a tumor suppressor candidate. [provided by RefSeq]

Other Designations -

Pathway

- [Bladder cancer](#)
- [Pathways in cancer](#)

Disease

- [Alzheimer disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Microsatellite Instability](#)
- [Narcolepsy](#)
- [Psychiatric Status Rating Scales](#)
- [Tobacco Use Disorder](#)