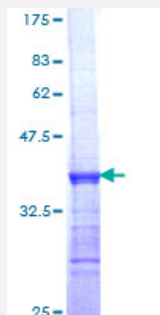


DOCK1 (Human) Recombinant Protein (Q01)

Catalog # H00001793-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DOCK1 partial ORF (NP_001371, 698 a.a. - 803 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LETYKKHFSATLAYTKLTKVLKKNYVDGAEKPGVNEQLYKAMKALESIFKFIVRSRILFNQLYENKGE ADFVESLLQLFRSINDMMSSMSDQTVRVKGAALKYLPT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.4
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 — DOCK1

Entrez GeneID	1793
GeneBank Accession#	NM_001380
Protein Accession#	NP_001371
Gene Name	DOCK1
Gene Alias	DOCK180, ced5
Gene Description	dedicator of cytokinesis 1
Omim ID	601403
Gene Ontology	Hyperlink
Gene Summary	This gene product binds to the SH3 domain of CRK protein. It may regulate cell surface extension and may have a role in the cell surface extension of an engulfing cell around a dying cell during apoptosis. [provided by RefSeq]
Other Designations	dedicator of cyto-kinesis 1

Pathway

- [Focal adhesion](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Alzheimer Disease](#)
- [Asthma](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)