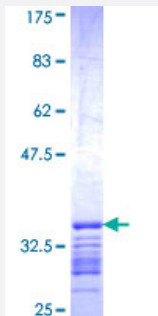


DOK5 (Human) Recombinant Protein (Q01)

Catalog # H00055816-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DOK5 partial ORF (NP_808874, 130 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LQSVKNSMLQMKSERAASLSTMVPLPRSAWQHITRQHQSTGQLYRLQDVSSPLKLHRTETFPAYRSEH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	33.33
Interspecies Antigen Sequence	Mouse (97); Rat (97)
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 — DOK5

Entrez GeneID [55816](#)

GeneBank Accession# [NM_177959](#)

Protein Accession# [NP_808874](#)

Gene Name DOK5

Gene Alias C20orf180, MGC16926

Gene Description docking protein 5

Omim ID [608334](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the DOK family of membrane proteins, which are adapter proteins involved in signal transduction. The encoded protein interacts with phosphorylated receptor tyrosine kinases to mediate neurite outgrowth and activation of the MAP kinase pathway. In contrast to other DOK family proteins, this protein does not interact with RASGAP. [provided by RefSeq]

Other Designations OTTHUMP00000031322|downstream of tyrosine kinase 5

Disease

- [Bipolar Disorder](#)
- [Diabetes Mellitus](#)
- [Dominance](#)

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Pattern Recognition](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)