

Recombinant Human Docking protein 5(DOK5),partial

Catalog No: #AP70243

Package Size: #AP70243-1 20ug #AP70243-2 100ug #AP70243-3 1mg

Description

Product Name	Recombinant Human Docking protein 5(DOK5),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-198aaSequence Info:Partial of Isoform 2
Other Names	Downstream of tyrosine kinase 5Insulin receptor substrate 6 ;IRS-6 ;IRS6
Accession No.	Q9P104
Calculated MW	38.8 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MECVGTRINDISLGEPDLLATGVEREQSERFNVYLMPSPLNDVHGECALQITYEYICLWDVQNPRVKLISWPLS ALRRYGRDRTTWFTFEAGRMCEGTGGLFIFQTRDGEAIYQKVHSAALAEQHERLLQSVKNSMLQMKMSERA ASLSTMVPLPRSAWQHITRQHSTGQLYRLQDVSSPLKLHRTETFPAYRSEH
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation.

References

The full-ORF clone resource of the German cDNA consortium.Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I.BMC Genomics 8:399-399(2007)Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.