

Recombinant Full Length Human DOK5 Protein, GST-tagged

Cat. No. DOK5-3943HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOK5 full-length ORF (NP_060901.2, 1 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	306 amino acids
Description	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. Unlike other DOK family proteins, this protein does not interact with RASGAP. This protein is up-regulated in patients with systemic sclerosis and is associated with fibrosis induced by insulin-like growth factor binding protein 5. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jun 2014]
Molecular Mass	61.9 kDa
AA Sequence	MASNFNDIVKQGYVRIRSRRLGIYQRCWLVFKKASSKGPKRLEKFSDERAAYFRCY HKVTELNNVKNVARLPKSTKKHAIGIYFNDDTSKTFACESDLEADEWCKVLQMECVG TRINDISLGEPDLLATGVEREQSERFNVYLMPSPNLDVHGECALQITYEYICLWDVQN PRVKLISWPLSALRRYGRDTTWFTFEAGRM CETGEGLFIFQTRDGEAIYQKVHSAAL AIAEQHERLLQSVKNSMLQMKMSERAASLSTMVPLPR SAYWQHITRQHSTGQLYRL

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QDVSSPLKLHRTETFPAYRSEH

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[DOK5 docking protein 5 \[Homo sapiens \]](#)

Official Symbol

[DOK5](#)

Synonyms

DOK5; docking protein 5; C20orf180, chromosome 20 open reading frame 180; dJ805C22.1; IRS6; IRS-6; insulin receptor substrate 6; downstream of tyrosine kinase 5; C20orf180; MGC16926;

Gene ID

[55816](#)

mRNA Refseq

[NM_018431](#)

Protein Refseq

[NP_060901](#)

MIM

[608334](#)

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UniProt ID

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