

Recombinant Human DOK5 Protein (1-198 aa), His-SUMO-tagged

Cat. No. DOK5-460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOK5 Protein (1-198 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	1-198 aa
Description	DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assbly 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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	38.8 kDa
AA Sequence	MECVGTRINDISLGEPDLLATGVEREQSERFNVYLMPSNLDVHGEALQITYEYICL WDVQNPRVKLISWPLSALRRYGRDTTWFTFEAGRM CETGEGLFIFQTRDGEAIYQK VHSAALIAEQHERLLQSVKNSMLQMKMSERAASLSTMVPLPR SAYWQHITRQHST GQLYRLQDVSSPLKLHRTETFPAYRSEH

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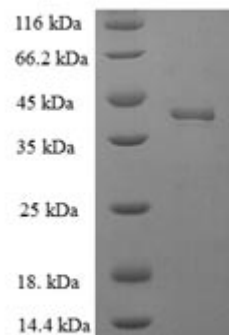
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	DOK5 docking protein 5 [Homo sapiens]
Official Symbol	DOK5
Synonyms	DOK5; docking protein 5; dJ805C22.1; IRS6; IRS-6; C20orf180; MGC16926;
Gene ID	55816
mRNA Refseq	NM_018431
Protein Refseq	NP_060901
MIM	608334
UniProt ID	Q9P104

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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