

Recombinant Full Length Human DOK4 Protein, GST-tagged

Cat. No. DOK4-3940HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOK4 full-length ORF (NP_060580.2, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	326 amino acids
Description	DOK4 (Docking Protein 4) is a Protein Coding gene. Among its related pathways are Developmental Biology and GDNF-Family Ligands and Receptor Interactions. GO annotations related to this gene include signal transducer activity, downstream of receptor and insulin receptor binding. An important paralog of this gene is DOK6.
Molecular Mass	63.4 kDa
AA Sequence	MATNFSDIVKQGYVKMKSRKLGIIYRRCWLVFRKSSSKGPQRLEKYPDEKSVCLRGC PKVTEISNVKCVTRLPKETKRQAVAIIFTDDSAFTFTCDSELEAEWYKTLVSVECLGS RLNDISLGEPDLLAPGVQCEQTDRFNVFLLPCPNLDVYGECKLQITHENIYLWDIHNP RVKLVSWPLCSLRRYGRDATRFTFEAGRMCDAGEGLYTFQTQEGEQIYQRVHSAT LAIAEQHKRVLLEMEKNVRLNKGTEHYSYPCTPTTMLPRSAWWHITGSQNIAEAS SYAGEGYGAAQASSETDLLNRFILLKPKPSQGDSSEAKTPSQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	DOK4 docking protein 4 [Homo sapiens]
Official Symbol	DOK4
Synonyms	DOK4; docking protein 4; FLJ10488; IRS5; IRS-5; insulin receptor substrate 5; downstream of tyrosine kinase 4;
Gene ID	55715
mRNA Refseq	NM_018110
Protein Refseq	NP_060580
MIM	608333
UniProt ID	Q8TEW6

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