9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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DOK4 Human

Docking Protein 4 Human Recombinant
RCP0675

Product Overview

Name	DOK4 Human
Description	
Docking Protein 4 Human Recombinant	
Accession (Primary)	Q8TEW6
Synonyms	
docking protein 4, Downstream of tyrosine kinase 4, IRS-5, IRS5.	
Introduction	
Docking Protein 4(DOK4) is a member of the DOK family. DOK proteins are enzymatically inert adaptor or scaffolding proteins. The DOK proteins present a docking platform for the compilation of multimolecular signaling complexes. DOK4 serves in RET-mediated neurite outgrowth and has a positive role in activation of the MAP kinase pathway. DOK4 is a putative link with downstream effectors of RET in neuronal differentiation. DOK4 is involved in the regulation of the immune response induced by T-cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
DOK4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MATNFSD IVKQGYVKMK SRKLGIYRRC WLVFRKSSSK GPQRLEKYPD EKSVCLRGCP KVTEISNVKC VTRLPKETKR QAVAIIFTDD SARTFTCDSE LEAEEWYKTL SVECLGSRLN DISLGEPDLL APGVQCEQTD RFNVFLLPCP NLDVYGECKL QITHENIYLW DIHNPRVKLV SWPLCSLRRY GRDATRFTFE AGRMCDAGEG LYTFQTQEGE QIYQRVHSAT LAIAEQHKRV LLEMEKNVRL LNKGTEHYSY	

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PCTPTTMLPR SAYWHHITGS QNIAEASSYA GEGYGAAQAS SETDLLNRFI LLKPKPSQGD SSEAKTPSQ.

Precautions

DOK4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8TEW6)