9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3685: DOK4 Recombinant Protein

Alternative Name : docking protein 4,Downstream of tyrosine kinase 4,Insulin receptor substrate 5,IRS-5,IRS5.

Description

Source : Escherichia Coli. DOK4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 349 amino acids (1-326 a.a) and having a molecular mass of 39.4kDa.DOK4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	DOK4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMATNFSD IVKQGYVKMK SRKLGIYRRC WLVFRKSSSK GPQRLEKYPDEKSVCLRGCP KVTEISNVKC VTRLPKETKR QAVAIIFTDD SARTFTCDSE LEAEEWYKTL SVECLGSRLNDISLGEPDLL APGVQCEQTD RFNVFLLPCP NLDVYGECKL QITHENIYLW DIHNPRVKLV SWPLCSLRRY GRDATRFTFE AGRMCDAGEGLYTFQTQEGE QIYQRVHSAT LAIAEQHKRV LLEMEKNVRL LNKGTEHYSY PCTPTTMLPR SAYWHHITGSQNIAEASSYA GEGYGAAQAS SETDLLNRFI LLKPKPSQGD SSEAKTPSQ.

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