

## Docking Protein 4 Human Recombinant

<b>Item Number</b>	rAP-4136
<b>Synonyms</b>	docking protein 4, Downstream of tyrosine kinase 4, Insulin receptor substrate 5,IRS-5, IRS5.
<b>Description</b>	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
<b>Uniprot Accesion Number</b>	Q8TEW6
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMATNFSD IVKQGYVKMK SRKLGIVRRC WLVFRKSSSK GQRLEKYPD EKSVCLRGCP KVTEISNVKC VTRLPKETKR QAVAIIFTDD SARTFTCDSE LEAEWYKTL SVECLGSRLN DISLGEPDLL APGVQCEQTD RFNVFLLPCP NLDVYGECKL QITHENIYLW DIHNPRVKLV SWPLCSLR- RY GRDATRFTFE AGRMCDAGEG LYTFQTQEGE QIYQRVHSAT LAIAEQHKRV LLEMEKNVRL LNKGTEHYSY PCTPTTMLPR SAY-
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. 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.
<b>Formulation and Purity</b>	DOK4 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**