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Datasheet for ABIN5853592

## DOK4 Protein (AA 1-326) (His tag)

### 1 Image

#### Overview

Quantity:	100 µg
Target:	DOK4
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOK4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMATNFSD IVKQGYVKMK SRKLGIIYRRC WLIVFRKSSSK GPQRLEKYPD EKSIVCLRGCP KVTEISNVKC VTRLPKETKR QAVAIIFTDD SARTFTCDSE LEAEWYKTL SVECLGSRNLN DISLGEPDLL APGVQCEQTD RFNVFLLPCP NLDVYGECKL QITHENIYLW DIHNPRVKLV SWPLCSLRRY GRDATRFTFE AGRMCDAGEG LYTFQTQEGE QIYQRVHSAT LAIAEQHKRV LLEMEKNVRL LNKGTEHYSY PCTPTTMLPR SAYWHHITGS QNIAEASSYA GEGYGAAQAS SETDLLNRFI LLKPKPSQGD SSEAKTPSQ
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Purity:	> 85 % by SDS - PAGE
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#### Target Details

Target:	DOK4
Alternative Name:	DOK4 ( <a href="#">DOK4 Products</a> )

## Target Details

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**Background:** DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK4 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. This protein is putative link with downstream effectors of RET in neuronal differentiation. DOK4 may be involved in the regulation of the immune response induced by T-cells. Recombinant human DOK4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Molecular Weight:** 39.4kDa (349aa)

**NCBI Accession:** [NP\\_060580](#)

**UniProt:** [Q8TEW6](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Comment:** Denatured

**Restrictions:** For Research Use only

## Handling

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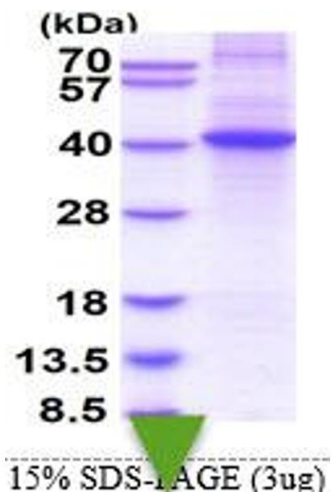
**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M uREA, 10 % glycerol

**Storage:** 4 °C,-20 °C,-80 °C

**Storage Comment:** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



### SDS-PAGE

Image 1.