

Datasheet for ABIN7547204
DOK4 Protein (AA 1-326) (His tag)



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Overview

Quantity:	1 mg
Target:	DOK4
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOK4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DOK4 Protein expressed in mammalian cells.
Sequence:	MATNFSDIVK QGYVKMKSrk LGIYRRCWLV FRKSSSKGPQ RLEKYPDEKS VCLRGCPKVT EISNVKCVTR LPKETKRQAV AIIFTDD SAR TFTCDSELEA EEWYKTL SVE CLGSRLNDIS LGEPDLLAPG VQCEQTDRFN VFLLPCPNLD VYGECKLQIT HENIYLWDIH NPRVKLVSWP LCSLRRYGRD ATRFTFEAGR MCDAGEGLYT FQTQEGEQIY QRVHSATLAI AEQHKRVLLE MEKNVRLLNK GTEHYSYPCT PTTMLPRSAY WHHITGSQNI AEASSYAGEG YGAAQASSET DLLNRFILLK PKPSQGDSSE AKTPSQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	DOK4
Alternative Name:	DOK4 (DOK4 Products)
Background:	Docking protein 4 (Downstream of tyrosine kinase 4) (Insulin receptor substrate 5) (IRS-5) (IRS5),FUNCTION: 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 (By similarity). Putative link with downstream effectors of RET in neuronal differentiation. May be involved in the regulation of the immune response induced by T-cells. {ECO:0000250}.
Molecular Weight:	37.0 kDa
UniProt:	Q8TEW6

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months