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Datasheet for ABIN7547188

DOK5 Protein (AA 1-306) (His tag)

Overview

Quantity:	1 mg
Target:	DOK5
Protein Characteristics:	AA 1-306
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DOK5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat DOK5 Protein expressed in mammalien cells.
Sequence:	MASNFNDIVK QGYVRIRSRR LGIYQRCWLV FKKASSKGPK RLEKFSDERA AYFRCYHKVT ELNNVKNVAR LPKSTKKHAI GIYFNDDTSK TFACESDLEA DEWCKVLQME CVGTRINDIS LGEPDLLATG VEREQSERFN VYLMPSPLND VHGEALQIT YEYICLWDVQ NPRVKLISWP LSALRRYGRD TTWFTFEAGR MCETGEGFLI FQTRDGEAIY QKVHSAALAI AEQHERLLQS VKNSMLQMKM SERAASLSTM VPLPR SAYWQ HITRQHSTGQ LYRLQDVSSP LKLHRTETFP AYRSEH 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.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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, Western Blot
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Grade:	custom-made
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Target Details

Target:	DOK5
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Alternative Name:	DOK5 (DOK5 Products)
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Background:	Docking protein 5 (Downstream of tyrosine kinase 5) (Insulin receptor substrate 6) (IRS-6) (IRS6),FUNCTION: DOK proteins are enzymatically inert adaptor or scaffolding proteins. They provide a docking platform for the assembly of multimolecular signaling complexes. DOK5 functions in RET-mediated neurite outgrowth and plays a positive role in activation of the MAP kinase pathway. Putative link with downstream effectors of RET in neuronal differentiation.
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Molecular Weight:	35.5 kDa
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UniProt:	Q9P104
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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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