

Datasheet for ABIN7562743

ARAF Protein (AA 1-604) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ARAF
Protein Characteristics:	AA 1-604
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARAF protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Araf Protein expressed in mammalian cells.
Sequence:	MEPPRGPPVS GAEPSRAVGT VKVYLPNKQR TVVTVREGMS VYDSLDKALK VRGLNQDCCV VYRLIKGRKT VTAWDTAIAP LDGEELIVEV LEDVPLTMHN FVRKTFSSLA FCDCLKFLF HGFRCTCGY KFHQHCSSKV PTVCDVMSTN RRQFYHSIQD LSGGSRQQA PSNLSVNELL TPQGSPFTQ QRDQEHFSFP APANPPLQRI RSTSTPNVHM VSTTAPMDSS LMQFTAQSFS TDAAGRGGDG APRGSPSPAS VSSGRKSPHS KLPSEQRERK SLADEKKKKVK NLGYRDSGYY WEVPPSEVQL LKRIGTGSFG TVFRGRWHGD VAVKVLKVAQ PTAEQAQAFK NEMQVLRKTR HVNILLFMGF MTRPGFAIT QWCEGSSLYH HLHVADTRFD MVQLIDVARQ TAQGMDYLHA KNIIHRDLKS NNIFLHEGLT VKIGDFGLAT VKTRWGAQP LEQPSGSVLW MAAEVIRMQD PNPYSFQSDV YAYGVVLYEL MTGSLPYSHI GSRDQIIFMV GRGYLSPDLS KIFSNCPKAM RRLTDCCLKF QREERPLFPQ ILATIELLQR SLPKIERSAS EPSLHRTQAD ELPACLLSAA RLVP 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:

- 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, Western Blot

Grade:

custom-made

Target Details

Target:

ARAF

Alternative Name:

Araf ([ARAF Products](#))

Background:

Serine/threonine-protein kinase A-Raf (EC 2.7.11.1) (Proto-oncogene A-Raf),FUNCTION: Involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May also regulate the TOR signaling cascade (By similarity). Phosphorylates PFKFB2 (By similarity). {ECO:0000250|UniProtKB:P10398}.

Molecular Weight:

67.6 kDa

UniProt:

[P04627](#)

Pathways:

[MAPK Signaling](#), [RTK Signaling](#), [Hepatitis C](#)

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.
--------------------	--

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