

Datasheet for ABIN7553868

FAM120A Protein (AA 1-1118) (His tag)



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Overview

Quantity:	1 mg
Target:	FAM120A
Protein Characteristics:	AA 1-1118
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FAM120A protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FAM120A Protein expressed in mammalian cells.
Sequence:	<p>MGVQGFQDYI EKHCP SAVVP VELQKLARGS LVGGGRQRPP QTPLRLLVDA DNCLHRLYGG</p> <p>FYTDWVSGGQ WNHMLGYLAA LAKACFGGNI ELFVFFNGAL EKARLHEWVK RQGNERQTAQ</p> <p>QIVSHVQNKG TPPPKVWFLP PVCMAHCIRL ALIRFHVKVA QSIEDHHQEV IGFCRENGFH</p> <p>GLVAYDSHYA LCNIPYYFSA HALKLSRNGK SLTTSQYLMH EVAKQLDLNP NRPPIFAALL</p> <p>GNHILPDEDL ASFHWSLLGP EHPLASLKVR AHQLVLPPCD VVIKAVADYV RNIQDTSDDL</p> <p>AIKADVFQHS QSRTDDKVIR FKRAIGYYSA TSKPMSFHPP HYLAARPGPF GMPGMVPPHV</p> <p>PPQMLNIPQT SLQAKPVAPQ VPSPGGAPGQ GPYPYSLSEP APLTLDTSBK NLTEQNSYSN</p> <p>IPHEGKHTPL YERSSPINPA QSGSPNHVDS AYFPGSSTSS SSDNDESGG ATNHISGNKI</p> <p>GWEKTGSHSE PQARGDPGDQ TKAEGSSTAS SGSQLAEGKG SQMGTVQPIP CLLSMPTRNH</p> <p>MDITTPPLPP VAPEVLRVAE HRHKKGLMYP YIFHVLTKGE IKIAVSIEDE ANKDLPPAAL</p> <p>LYRPVRQYVY GVLFSLAESR KKTERLAFRK NRLPPEFSPV IIKWAAYKG KSPQTPELVE</p> <p>ALAFREWTCP NLKRLWLGKA VEDKNRRMRA FLACMRSDTP AMLNPANVPT HLMVLCVLR</p>

YMVQWPGARI LRRQELDAFL AQALSPKLYE PDQLQELKIE NLDPRGIQLS ALFMSGVDMA
LFANDACGQP IPWEHCCPWM YFDGKLFQSK LLKASREKTP LIDLCDGQAD QAAKVEKMRQ
SVLEGLSFSR QSHTLPFPPP PALPFYPASA YPRHFGPVPP SQGRGRGFAG VCGFGGPYGE
TVATGPYRAF RVAAASGHCG AFSGSDSSRT SKSQGGVQPI PSQGGKLEIA GTVVGHWAGS
RRGRGGRGPF PLQVSVGGP ARGRPRGVIS TPVIRTFGRG GRYYGRGYKN QAAIQGRPPY
AASAEVAKE LKSKSGESKS SAMSSDGSLA ENGVMAEEKP APQMNGSTGD ARAPSHSEA
LNNDSKTCNT NPHLNALSTD SACRREAAL AAVLNKEE **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	FAM120A
Alternative Name:	FAM120A (FAM120A Products)
Background:	Constitutive coactivator of PPAR-gamma-like protein 1 (Oxidative stress-associated SRC

Target Details

activator) (Protein FAM120A),FUNCTION: Component of the oxidative stress-induced survival signaling. May regulate the activation of SRC family protein kinases (PubMed:19015244). May act as a scaffolding protein enabling SRC family protein kinases to phosphorylate and activate PI3-kinase (PubMed:19015244). Binds IGF2 RNA and promotes the production of IGF2 protein (PubMed:19015244). {ECO:0000269|PubMed:19015244}.

Molecular Weight: 121.9 kDa

UniProt: [Q9NZB2](#)

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.

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