Datasheet for ABIN7547857

FXR2 Protein (AA 1-673) (His tag)

Overview

Quantity:	1 mg
Target:	FXR2
Protein Characteristics:	AA 1-673
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FXR2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FXR2 Protein expressed in mammalien cells.
Sequence:	MGGLASGGDV EPGLPVEVRG SNGAFYKGFV KDVHEDSVTI FFENNWQSER QIPFGDVRLP PPADYNKEIT EGDEVEVYSR ANEQEPCGWW LARVRMMKGD FYVIEYAACD ATYNEIVTLE RLRPVNPNPL ATKGSFFKVT MAVPEDLREA CSNENVHKEF KKALGANCIF LNITNSELFI LSTTEAPVKR ASLLGDMHFR SLRTKLLLMS RNEEATKHLE TSKQLAAAFQ EEFTVREDLM GLAIGTHGAN IQQARKVPGV TAIELGEETC TFRIYGETPE ACRQARSYLE FSEDSVQVPR NLVGKVIGKN GKVIQEIVDK SGVVRVRVEG DNDKKNPREE GMVPFIFVGT RENISNAQAL LEYHLSYLQE VEQLRLERLQ IDEQLRQIGL GFRPPGSGRG SGGSDKAGYS TDESSSSSLH ATRTYGGSYG GRGRGRRTGG PAYGPSSDVS TASETESEKR EEPNRAGPGD RDPPTRGEES RRRPTGGRGR GPPPAPRPTS RYNSSSISSV LKDPDSNPYS LLDTSEPEPP VDSEPGEPPP ASARRRSRR RRTDEDRTVM DGGLESDGPN MTENGLEDES RPQRRNRSRR RRNRGNRTDG SISGDRQPVT VADYISRAES QSRQRPPLER TKPSEDSLSG QKGDSVSKLP KGPSENGELS

Product Details

	APLELGSMVN GVS **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 mammalien 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:	FXR2
Alternative Name:	FXR2 (FXR2 Products)
Background:	RNA-binding protein FXR2 (FXR2P) (FMR1 autosomal homolog 2),FUNCTION: mRNA-binding protein that acts as a regulator of mRNAs translation and/or stability, and which is required for adult hippocampal neurogenesis (By similarity). Specifically binds to AU-rich elements (AREs) in the 3'-UTR of target mRNAs (By similarity). Promotes formation of some phase-separated membraneless compartment by undergoing liquid-liquid phase separation upon binding to AREs-containing mRNAs: mRNAs storage into membraneless compartments regulates their translation and/or stability (By similarity). Acts as a regulator of adult hippocampal neurogenesis by regulating translation and/or stability of NOG mRNA, thereby preventing NOG protein expression in the dentate gyrus (By similarity). {ECO:0000250|UniProtKB:Q61584, ECO:0000250|UniProtKB:Q9WVR4}.

Target Details

Molecular Weight:	74.2 kDa
UniProt:	P51116

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