

Datasheet for ABIN7557692

ARNT2 Protein (AA 1-712) (His tag)



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Overview

Quantity:	1 mg
Target:	ARNT2
Protein Characteristics:	AA 1-712
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARNT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Arnt2 Protein expressed in mammalian cells.
Sequence:	MATPAAVNPP EMASDIPGSV ALPVAPMAAT GQVRMAGAMP ARGGKRRSGM DFDDDEDGEGP SKFSRENHSE IERRRRNKMT QYITELSDMV PTCSALARKP DKLTILRMAY SHMKSMRG TG NKSTDGAYKP SFLTEQELKH LILEAADGFL FVVAETGRV IYVSDSVTPV LNQPQSEWFG STLYEQVHPD DVEKLREQLC TSENSMTGRI LDLKTGTVKK EGQQSSMRMC MGSRRSFICR MRCGNAPLDH LPLNRITTM RFRNGLGPV KEGEAQYAVV HCTGYIKAWP PAGMTIPEED ADVGQGSKYC LVAIGRLQVT SSPVCMDMSG MSVPTEFLSR HNSDGIITFV DPRCISVIGY QPQDLLGKDI LEFCHPEDQS HLRESFQQVV KLKGQVLSVM YRFRTKNREW LLIRTSSFTF QNPYSDEIEY VICTNTNVKQ LQQQQAELV HQRDGLSSYD LSQVPVPNLP AGVHEAGKSV EKADAIFSQE RDPFAEMFA GISASEKKMM SSASASGSQQ IYSQGSPFPA GHSGKAFSSS VVHVPGVNDI QSSSSTGQNI SQISRQLNQG QVAWTGSRPP FPGQPSKTQS SAFGIGSSHP YPADPSSYSP LSSPAASSPS GNAYPSLANR TPGFAESGQS GGQFQGRPSE VWSQWQSQHH

GQQSGEQHSH QQPGQTEVFQ DMLPMPGDPT QGTGNYNIED FADLGMFPPF SE **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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ARNT2
Alternative Name:	Arnt2 (ARNT2 Products)
Background:	Aryl hydrocarbon receptor nuclear translocator 2 (ARNT protein 2),FUNCTION: Transcription factor that plays a role in the development of the hypothalamo-pituitary axis, postnatal brain growth, and visual and renal function. Specifically recognizes the xenobiotic response element (XRE). {ECO:0000250 UniProtKB:Q9HBZ2}.
Molecular Weight:	77.9 kDa
UniProt:	Q61324
Pathways:	Warburg Effect

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