



[Go to Product page](#)

Datasheet for ABIN1675322

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

Overview

Quantity:	1 mg
Target:	ARNT2
Protein Characteristics:	AA 1-712
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARNT2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MATPAAVNPP EMASDIPGSV TLPVAPMAAT GQVRMAGAMP ARGGKRRSGM DFDDDEDGEGP</p> <p>SKFSRENHSE IERRRRNKMT QYITELSDMV PTCSALARKP DKLTILRMAV SHMKSMRGTG</p> <p>NKSTDGAYKP SFLTEQELKH LILEAADGFL FVVAETGRV IYVSDSVTPV LNQPQSEWFG</p> <p>STLYEQVHPD DVEKLREQLC TSENSMTGRI LDLKTGTVKK EGQQSSMRMC MGSRRSFICR</p> <p>MRCGNAPLDH LPLNRITTMR KRFRNGLGPV KEGEAQYAVV HCTGYIKAWP PAGMSIPEED</p> <p>ADVGQGSKYC LVAIGRLQVT SSPVCMDMSG MSVPTEFLSR HNSDGIITFV DPRCISVIGY</p> <p>QPQDLLGKDI LEFCHPEDQS HLRESFQQVV KLKGQVLSVM YRFRTKNREW LLIRTSSFTF</p> <p>QNPYSDEIEY VICTNTNVKQ LQQQQAELV HQRDGLSSYD LSQVPVPNLP TGVHEAGKPV</p> <p>EKADAIFSQE RDPFAEMFA GISASEKKMM SSASASGSQQ IYSQGSPPFA GHSGKAFSSS</p> <p>VVHVPGVNDI QSSSSTGQNI SQISRQLNQG QVAWTGSRPP FPGQPSKTQS SAFGIGSSHP</p> <p>YPADPSSYSP LSSPAASSPS GNAYPSLANR TPGFAESGQS GGQFQGRPSE VWSQWQSQHH</p> <p>GQQSGEQHSH QQPGQTEVFQ DMLPMPGDPT QGTGNYNIED FADLGMFPPF SE</p>
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Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ARNT2
Abstract:	ARNT2 Products
Background:	Recommended name: Aryl hydrocarbon receptor nuclear translocator 2. Short name= ARNT protein 2
UniProt:	Q78E60
Pathways:	Warburg Effect

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.