

Datasheet for ABIN7555099
PFAS Protein (AA 1-1338) (His tag)



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Overview

Quantity:	1 mg
Target:	PFAS
Protein Characteristics:	AA 1-1338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PFAS protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PFAS Protein expressed in mammalian cells.
Sequence:	<p>MSPVLHFYVR PSGHEGAAPG HTRRKLQGKL PELQGVETEL CYNVNWTAEA LPSAEETKKL MWLFGCPLLL DDVARESULL PGSNDLLLEV GPRLNFSTPT STNIVSVCRA TGLGPVDRVE TTRRYRLSFA HPPSAEVEAI ALATLHDRMT EQHFPHPIQS FSPESMPEPL NGPINILGEG RLALEKANQE LGLALDSWDL DFYTKRFQEL QRNPSTVEAF DLAQSNSEHS RHWFFKQQLH VDGQKLVHSL FESIMSTQES SNPNNVLKFC DNSSAIQGKE VRFLRPEDPT RPSRFQQQQG LRHVFTAET HNFPTGVCPF SGATTGTGGR IRDVQCTGRG AHVWAGTAGY CFGNLHIPGY NLPWEDPSFQ YPGNFARPLE VAIEASNGAS DYGNKFGEPV LAGFARSLGL QLPDGQRREW IKPIMFSGGI GSMEADHISK EAPEPGMEVV KVGPPVYRIG VGGGAASSVQ VQGDNTSDLD FGAVQRGDPE MEQKMNVRIR ACVEAPKGNP ICSLHDQGAG GNGNVLKELS DPAGAIYTS RFQLGDPTLN ALEIWGAEQ ESNALLRSP NRDFLTHVSA RERCPACFVG TITGDRRIVL VDDRECPVRR NGQGDAPPTP LPTPVDLELE WVLGKMPRKE FFLQRKPPML QPLALPPGLS VHQALERVLR LPAVASKRYL TNKVDRSVGG LVAQQQCVGP LQTPLADVAV VALSHEELIG</p>

AATALGEQPV KSLLDPKVAA RLAVAEALTN LVFALVTDLR DVKCSGNWMW AAKLPGEAA
LADACEAMVA VMAALGVAVD GKGDSLMAA RVGTETVRAP GSLVISAYAV CPDITATVTP
DLKHPEGRGH LLYVALSPGQ HRLGGTALAQ CFSQLGEHPP DLDLPENLVR AFSITQGLLK
DRLLCSGHDV SDGGLVTCLL EMAFAGNCGL QVDVPVPRVD VLSVLFAEEP GLVLEVQEPD
LAQVLKRYRD AGLHCLELGH TGEAGPHAMV RVSVNGAVVL EEPVGELRAL WEETSFQLDR
LQAEPRCVAE EERGLRERMG PSYCLPPTFP KASVPREPGG PSPRVAILRE EGSNGDREMA
DAFHLAGFEV WDVMTQDLCS GAIGLDTFRG VAFVGGFSYA DVLGSAKGWA AAVTFHPRAG
AELRRFRKRP DTFSLGVCNG CQLLALLGWV GGDPNEDAAE MGPDSQPARP GLLLRHNLGS
RYESRWASVR VGPGPALMLR GMEGAVLPVW SAHGEGYVAF SSPELQAQIE ARGLAPLHWA
DDDGNPTEQY PLNPNGSPGG VAGICSCDGR HLAVMPHPER AVRPWQWAWR PPPFDLTTS
PWLQLFINAR NWTLEGSC **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: 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	PFAS
Alternative Name:	PFAS (PFAS Products)
Background:	Phosphoribosylformylglycinamide synthase (FGAM synthase) (FGAMS) (EC 6.3.5.3) (Formylglycinamide ribonucleotide amidotransferase) (FGAR amidotransferase) (FGAR-AT) (Formylglycinamide ribotide amidotransferase) (Phosphoribosylformylglycineamide amidotransferase),FUNCTION: Phosphoribosylformylglycinamide synthase involved in the purines biosynthetic pathway. Catalyzes the ATP-dependent conversion of formylglycinamide ribonucleotide (FGAR) and glutamine to yield formylglycinamide ribonucleotide (FGAM) and glutamate. {ECO:0000305 PubMed:10548741}.
Molecular Weight:	144.7 kDa
UniProt:	O15067

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