

Datasheet for ABIN7563839
PFAS Protein (AA 1-1337) (His tag)



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Overview

Quantity:	1 mg
Target:	PFAS
Protein Characteristics:	AA 1-1337
Origin:	Mouse
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:	MAPVLHFYVR PSGHEGAASG RVFRRLQEKL PTLQSVETEL CYNVHWAET LPWAEEMKKL MWLFGCPLVR DDVAQEPWLV PGSNDLLELV GPRLNFSTPA STNIVSVCQA AGLRAVDRVE TTRRYRLSFT DHPTAEMEI SLAALHDRMT EQHYDPPIQS FSPQSIPAPL KGSIDILAEQ RPALEKANQE LGLALDSWDL DFYTKRFQEL QRNPSTVEVF DLAQSNSEHS RHWFFKQQLH VDGKCLAHSL FESIMSTQAS SNPNNVLKFC DNSSAIQGGK VKFLRPEDST RPSCFQQQQG LRHVFTAET HNFPTGVAPF SGATTGTGGR IRDVQCTGRG AHVWAGTAGY CFGNLHIPDY NLPWEDPSFQ YPGNFARPLE VAIEASNGAS DYGNKFGEPV LAGFARSLGL QLPDGQRREW IKPIMFSGGI GSMEAKHV GK KPPEPGMEVV KVGPPVYRIG VGGGAASSVQ VQGDNTSDLD FGAVQRGDPE MEQKMNVRVIR ACVEAPGGNP ICSLHDQGAG GNGNVLKELS DPEGAIYTS RFQLGDPTLN ALEIWGAEQ ESNALLRPS DRDFLSRASA RERCPACFVG TITGDKRIVL VDDRECLVGK TGQGDAPLTP PTPVDLDDW VLGKMPQKEF FLQRKPPVLQ PLALPPELSV RQALNRVLR L PAVASKRYLT NKVDRSVGGL VAQQQCVGPL QTPLADVAVV ALSHQECIGA

ATALGEQPVK SLLDPKAAAR LAVSEALTNL VFALVTDLRD VKCSGNMWWA AKLPGEAAL
ADACEAMVAV MAALGVAVDG GKDSLMAAR VGTETVQAPG SLVISAYAVC PDITATVTPD
LKHPGGKQHL LYVPLSPGQH RLGGTALAQC FSQGEHPPD LDLPENLVRA FHITQGLLKE
CRLCSGHDVS DGGLVTCLLE MAFAGNCGIE VDVPAPGIHA LPVLFAEPEG LVLEVQEADV
AGVRQRYESA GLRCLELGHG GEAGPQAMAR ISVNKAVVVE EPVGELRALW EETSFQLDLL
QAEPRCVIEE KQGLKERTGP SYLPPPTFPV ASVPCKPGGP VPRVAILREE GSNGDREMAD
AFHLAGFEVW DVTMQDLCSG AIRLDTFRGV AFVGGFSYAD VLGSAKWAA AVTFNPQARE
ELGRFRRRPD TFSLGVCNGC QLLALLGWVG SDPSEEQAEF GQDSQPTQPG LLLRHNLSGR
FESRWATVRV EPGPALMLRG MEGSVLPVWS AHGEGYMAFS SPELQAKIEA KGLVPLHWAD
DDGNPTEQYP LNPNGSPGGI AGICSQDGRH LALMPHPERA VRLWQWAWRP SPFDVLPTSP
WLQLFINARN WTQEDSC **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),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 (By similarity). {ECO:0000250}.
Molecular Weight:	144.6 kDa
UniProt:	Q5SUR0

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