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Datasheet for ABIN3085857 PDE6C Protein (AA 1-855) (His tag)



Overview

Quantity:	1 mg
Target:	PDE6C
Protein Characteristics:	AA 1-855
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDE6C protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA, Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MGEINQVAVE KYLEENPQFA KEYFDRKLRV EVLGEIFKNS QVPVQSSMSF SELTQVEESA
	LCLELLWTVQ EEGGTPEQGV HRALQRLAHL LQADRCSMFL CRSRNGIPEV ASRLLDVTPT
	SKFEDNLVGP DKEVVFPLDI GIVGWAAHTK KTHNVPDVKK NSHFSDFMDK QTGYVTKNLL
	ATPIVVGKEV LAVIMAVNKV NASEFSKQDE EVFSKYLNFV SIILRLHHTS YMYNIESRRS
	QILMWSANKV FEELTDVERQ FHKALYTVRS YLNCERYSIG LLDMTKEKEF YDEWPIKLGE
	VEPYKGPKTP DGREVNFYKI IDYILHGKEE IKVIPTPPAD HWTLISGLPT YVAENGFICN
	MMNAPADEYF TFQKGPVDET GWVIKNVLSL PIVNKKEDIV GVATFYNRKD GKPFDEHDEY
	ITETLTQFLG WSLLNTDTYD KMNKLENRKD IAQEMLMNQT KATPEEIKSI LKFQEKLNVD
	VIDDCEEKQL VAILKEDLPD PRSAELYEFR FSDFPLTEHG LIKCGIRLFF EINVVEKFKV
	PVEVLTRWMY TVRKGYRAVT YHNWRHGFNV GQTMFTLLMT GRLKKYYTDL EAFAMLAAAF
	CHDIDHRGTN NLYQMKSTSP LARLHGSSIL ERHHLEYSKT LLQDESLNIF QNLNKRQFET
	VIHLFEVAII ATDLALYFKK RTMFQKIVDA CEQMQTEEEA IKYVTVDPTK KEIIMAMMMT

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DEVOTEVYKE ESREFICETTP MI.SQLQNNRV EWKSLADEVO AKMKVEEEA KKQEGGAEKA AEDSGGGDX KSKTC Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us. Characteristics • Made in Germany - from design to production - by highly experienced protein experts. • Human PDE6C Protein (relised in insect Cells) purfied by multi-step, protein-specific process to ensure crystallization grade. • 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 will ensure that you receive a correctly folded protein. The big advantage of ordering our made-to-order proteins in companison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purfied. In the unlikely event that the protein cannot be expressed or purfied we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purfication optimization). When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experimened protein experts will be verything to make sure that you receive the protein. We use the Expasy's protparam tool to determine the absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient. We use the Expasy's protparam tool to determine the absorption coefficient. We use different Hist age apture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE. 2. Protein containing fractions of the best purficatio		ACDLSAITKP WEVQSQVALM VANEFWEQGD LERTVLQQQP IPMMDRNKRD ELPKLQVGFI
AEDSGGGDDK KSKTCSequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.Characteristics:• Made in Germany - from design to production - by highly experienced protein experts. • Human PDFGC Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade. • 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 will ensure that you receive a correctly folded protein. 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. In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for oustom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization). When you order this made-to-order protein you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 220nm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.Purification:Two step purification of protein sepressed in baculovirus infected SFP insect cells: 1. In a first purification of protein sepressed in baculovirus infected SFP insect cells: 1. In a first purification step, the protein is purified (EDT resistant, or DTT resistant Elude firactions are analyzed by SDS-PAGE. 2. Protein c		DFVCTFVYKE FSRFHKEITP MLSGLQNNRV EWKSLADEYD AKMKVIEEEA KKQEGGAEKA
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		2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and
Sterility: 0.22 µm filtered	Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
	Sterility:	0.22 µm filtered

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Product Details	
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade
Target Details	
Target:	PDE6C
Alternative Name:	PDE6C (PDE6C Products)
Molecular Weight:	99.7 kDa Including tag.
UniProt:	P51160
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.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

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