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Datasheet for ABIN1670060 IDI1 Protein (AA 1-179) (His tag)



Overview	
Quantity:	1 mg
Target:	IDI1
Protein Characteristics:	AA 1-179
Origin:	Serratia proteamaculans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IDI1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	MDEMLILVDA DDNAIGSQSK TRVHQQGLLH RAFSIFIFDS QGRLLLQQRA FSKYHSAGLW
	TNSCCGHPRW GESTLAAAQR RLQEEMGFSA ELQQVSSFTY QAAVPGDLIE HEFDHIYVGL
	FDGKPQGAPE EAHSWSWTDI QQLTDETTRN PEKFTVWFLT IMKDLGANEM ERWARLAAS
Specificity:	Serratia proteamaculans (strain 568)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	
Target:	IDI1
Alternative Name:	Isopentenyl-diphosphate Delta-isomerase (idi) (IDI1 Products)

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Target Details	
Background:	Recommended name: Isopentenyl-diphosphate Delta-isomerase.
	Short name= IPP isomerase.
	EC= 5.3.3.2.
	Alternative name(s): IPP:DMAPP isomerase Isopentenyl pyrophosphate isomerase
UniProt:	A8GDW2
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

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

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