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TSTA3 Protein (AA 1-321) (His tag)



Overview

1 mg
TSTA3
AA 1-321
Orang-Utan
Yeast
Recombinant
This TSTA3 protein is labelled with His tag.
ELISA

Product Details	
Sequence:	MGEPQGSMRI LVTGGSGLVG KAIQKVVADG AGLPGEDWVF VSSKDADLTD AAQTRALLEK
	VRPTHVIHLA AMVGGLFRNI KYNLDFWRKN VHINDNVLHS AFEVGARKVV SCLSTCIFPD
	KTTYPIDETM IHNGPPHSSN FGYSYVKRMI DVQNRAYFQQ YGCTFTAVIP TNVFGPHDNF
	NIEDGHVLPG LIHKVHLAKS SGSALTVWGT GKPRRQFIYS LDLAQLFIWV LREYNEVEPI
	ILSVGEDDEV SIKEAAEAVV EAMDFHGEVT FDTTKSDGQF KKTASNSKLR TYLPDFRFTP
	FKQAVKETCA WFTDNYEQAR K
Specificity:	Pongo abelii (Sumatran orangutan)
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:	TSTA3
Alternative Name:	GDP-L-fucose synthase (TSTA3) (TSTA3 Products)
Background:	Recommended name: GDP-L-fucose synthase. EC= 1.1.1.271. Alternative name(s): GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase Protein FX Red cell NADP(H)-binding protein
UniProt:	Q5RBE5

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 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.