Datasheet for ABIN7587840

Keratin 27 (KRT27) (AA 1-460) protein (His tag)

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Overview

Quantity:	100 µg
Target:	Keratin 27 (KRT27)
Protein Characteristics:	AA 1-460
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MSVRFSSASR RLGSCGGAGS VRLSGGGAGF GVGSTGSVPG FGSGFTCAFG GSSSAGSYSG GLGGGSASCT AFTGNEHGLL SGNEKVTMQN LNDRLASYLD NVRALEEANA DLEQKIKGWY EKFGPGSCRG LDHDYSRYFT VIDDLRNQII SATTSNANIV LQNDNARLTA DDFRLKFENE QALHQSVDAD VSSLRRVLDE LTLCRTDLEI QLETLSEELA YLKKNHEEEM KALQCAAGGN VNVEMNAAPG VDLTVLLNNM RAEYEALAEQ NRRDAEAWFN EKSASLQQQI SDDAGATTSA RNELTEMKRN LQTLEIELQS LLATKHSLEC SLTETEGNYC AQLAQIQAQI GALEEQLHQV RTETEGQKLE YEQLLDIKVH LEKEIETYCR LIDGEDGSCA KSKGYGGPGH QIKDPSKATV VKTIVEEIDP RGKVLSSRVH SVEEKSTKVN NVKSEQRVPS
Specificity:	Bos taurus (Bovine)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	Keratin 27 (KRT27)
Alternative Name:	Keratin, type I cytoskeletal 27 (KRT27) (KRT27 Products)
Background:	Recommended name: Keratin, type I cytoskeletal 27. Alternative name(s): Cytokeratin-27. Short name= CK-27 Keratin-27. Short name= K27 Type I inner root sheath-specific keratin-K25irs3
UniProt:	Q0P5J6

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

Handling

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