

Datasheet for ABIN1507241
YFEW Protein (AA 20-434) (His tag)



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Overview

Quantity:	1 mg
Target:	YFEW
Protein Characteristics:	AA 20-434
Origin:	E. coli
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This YFEW protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>A KYPVLTESSP EKAGFNVERL NQMDRWISQQ VDVGYPSVNL</p> <p>LIIKDNQIVY RKAWGAAKKY DGSVLMEQPV KATTGTLYDL ASNTKMYATN FALQKLMSEG</p> <p>KLHPDDRIAK YIPGFADSPN DTIKGKNTLR ISDLLHHS GG FPADPQYPNK AVAGALYSQD</p> <p>KGQTLEMIKR TPLEYQPGSK HIYSDVDYML LGFIVESVTG QPLDRYVEES IYRPLGLTHT</p> <p>VFNPLLKGFK PQQIAATELN GNTRDGVHIF PNIRTSTLWG QVHDEKAFYS MGGVSGHAGL</p> <p>FSNTGDI AVL MQTMLNGGGY GDVQLFNAET VKMFTTSSKE DATFGLGWRV NGNATMTPTF</p> <p>GTLASPQTYG HTGWTGTVTV IDPVNHMTIV MLSNKPSPV ADPQKNPNMF ESGQLPIATY</p> <p>GWVVDQVYAA LKQK</p>
Specificity:	Escherichia coli (strain K12)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: YFEW

Alternative Name: UPF0214 protein yfeW (yfeW) ([YFEW Products](#))

Background: Recommended name: UPF0214 protein yfeW

UniProt: [P77619](#)

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 modified 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.