



[Go to Product page](#)

Datasheet for ABIN1613351 JUP Protein (AA 1-745) (His tag)

Overview

Quantity:	1 mg
Target:	JUP
Protein Characteristics:	AA 1-745
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This JUP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MEVMNLIEQP IKVTEWQQTY TYDSGIHSGV NTCVPSVSSK GLLDEDDTCG RQYTLKKTTC</p> <p>YTQGV PQSQG DLEYQMSTTA RAKRVREAMC PGVSGEDSSL LLATQVEGQT TNLQRLAEPS</p> <p>QLLKSAIVHL INYQDDAELA TRALPELTKL LNDEDPVVVT KAAMIVNQLS KKEASRRALM</p> <p>GSPQLVAAVV RTMQNTSDLD TARCTTSILH NLSHHREGLL AIFKSGGIPA LVRMLSSPVE</p> <p>SVLFYAITTL HNLLLYQEGA KMAVRLADGL QKMVPLLKNK NPKFLAITTD CLQLLAYGNQ</p> <p>ESKLIILANG GPQGLVQIMR NYSYEKLLWT TSRVLKVLSV CPSNKPAIVE AGGMQALGKH</p> <p>LTSNSPRLVQ NCLWTLRNLS DVATKQEGLE NVLKILVNQL SVDDVNVLTG ATGTLSNLTC</p> <p>NNSKNKTLVT QNSGVEALIH AILRAGDKDD ITEPAVCALR HLTSRHPEAE MAQNSVRLNY</p> <p>GIPAIVKLLN QPNQWPLVKA TIGLIRNLAL CPANHAPLQE AAVIPRLVQL LVKAHQDAQR</p> <p>HVAAGTQQPY TDGVRMEEIV EGCTGALHIL ARDPMNRMEI FRLNTIPLFV QLLYSSVENI</p> <p>QRVAAGVLCE LAQDKEAADA IDAEGASAPL MELLHSRNEG TATYAAAVLF RISEDKNPDY</p> <p>RKRVSVELTN SLFKHDPAAW EAAQSMIPIN EPYADDMDAT YRPMYSSDVP LDPLDMHMDM</p>
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Product Details

DGDYPMDTYS DGLRPPYPAA DHMLA

Specificity: Rattus norvegicus (Rat)

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.

Purity: > 90 %

Target Details

Target: JUP

Abstract: [JUP Products](#)

Background: Recommended name: Junction plakoglobin

UniProt: [Q6P0K8](#)

Pathways: [Cell-Cell Junction Organization](#), [Maintenance of Protein Location](#)

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

Handling

one week

Storage: -20 °C

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