



Recombinant Human Junction plakoglobin (JUP)

Product Code	CSB-EP011975HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14923
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEVMNLMEQP IKVTEWQQTY TYDSGIHSGA NTCVPSVSSK GIMEEDEACG RQYTLKKTIT YTGQGVPPSQG DLEYQMSTTA RAKRVREAMC PGVSGEDSSL LLATQVEGQA TNLQRLAEPS QLLKSAIVHL INYQDDAELA TRALPELTKL LNDEDPVVVT KAAMIVNQLS KKEASRRALM GSPQLVAAVV RTMQNTSDLD TARCTTSILH NLSHHREGLL AIFKSGGIPA LVRMLSSPVE SVLFYAITL HNLLLYQEGA KMAVRLADGL QKMVPLLKN NPKFLAITTD CLQLLAYGNQ ESKLILANG GPQALVQIMR NYSYEKLLWT TSRVLKVLVSV CPSNKPAIVE AGGMQALGKH LTSNSPRLVQ NCLWTLRNL DVATKQEGLE SVLKILVNQL SVDDVNLTC ATGTLNLTC NNSKNKTLVT QNSGVEALIH AILRAGDKDD ITEPAVCALR HLTSRHPEAE MAQNSVRLNY GIPAIVKLLN QPNQWPLVKA TIGLIRNLAL CPANHAPLQE AAVIPRLVQL LVKAHQDAQR HVAAGTQQPY TDGVRMEEIV EGCTGALHIL ARDPMNRMEI FRLNTIPLFV QLLYSSVENI QRVAAGVLCE LAQDKEAADA IDAEGASAPL MELLHSRNEG TATYAAAVLF RISEDKNPDY RKRVSVELTN SLFKHDPAAW EAAQSMIPIN EPYGDDMDAT YRPMYSSDVP LDPLEMHMDM DGDYPIDTYS DGLRPPYPTA DHMLA
Source	E.coli
Target Names	JUP
Protein Names	Recommended name: Junction plakoglobin Alternative name(s): Catenin gamma Desmoplakin III Desmoplakin-3
Expression Region	1-745
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a



concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.