

## Recombinant Human JUP protein, GST-tagged

Cat. No. JUP-301494H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human JUP (669-745 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr669-Ala745
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	TNSLFKHDPAAWEEAAQSMIPINEPYGDDMDATYRPMYSSDVPLDPLEMHMDMDGD YPIDTYSDGLRPPYPTADHMLA
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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## GENE INFORMATION

<b>Gene Name</b>	JUP junction plakoglobin [ Homo sapiens ]
<b>Official Symbol</b>	JUP
<b>Synonyms</b>	JUP; junction plakoglobin; catenin (cadherin associated protein), gamma 80kDa , CTNNG; DP3; DPIII; PDGB; PKGB; catenin gamma; desmoplakin-3; gamma-catenin; desmoplakin III; catenin (cadherin-associated protein), gamma 80kDa; catenin (cadherin-associated protein), gamma (80kD); CTNNG; ARVD12;
<b>Gene ID</b>	3728
<b>mRNA Refseq</b>	NM_002230
<b>Protein Refseq</b>	NP_002221
<b>MIM</b>	173325
<b>UniProt ID</b>	P14923

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