

Product datasheet for **AR50863PU-N**

Immunoglobulin J chain (23-159, His-tag) Human Protein

Product data:

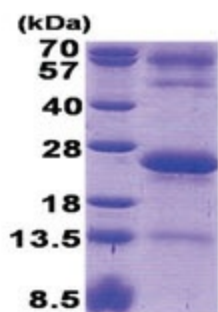
Product Type:	Recombinant Proteins
Description:	Immunoglobulin J chain (23-159, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSQEDERIV</u> LVDNKCKCAR ITSRIIRSSE DPNEDIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSD LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETKMOVET ALTPDACYPD
Tag:	His-tag
Predicted MW:	18.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human IGJ protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_653247</u>
Locus ID:	3512
UniProt ID:	<u>P01591</u>
Cytogenetics:	4q13.3
Synonyms:	IGCJ; IGJ; JCH



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Summary:

Serves to link two monomer units of either IgM or IgA. In the case of IgM, the J chain-joined dimer is a nucleating unit for the IgM pentamer, and in the case of IgA it induces larger polymers. It also help to bind these immunoglobulins to secretory component. [UniProtKB/Swiss-Prot Function]

Product images:

15% SDS-PAGE (3ug)