

## Product datasheet for **AR50695PU-N**

### C1orf89 (1-258, His-tag) Human Protein

#### Product data:

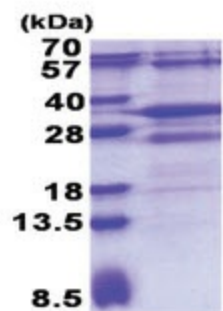
Product Type:	Recombinant Proteins
Description:	C1orf89 (1-258, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMARPPVP GSVVVPNWHE SAEGKEYLAC ILRKNRRRVF GLLERPVLLP PVSIDTASYK IFVSGKSGVG KTALVAKLAG LEVPVHHET TGIQTTVFW PAKLQASSRV VMFRFEWDC GESALKKFDH MLLACMENTD AFLFLSFTD RASFEDLPQG LARIAGEAPG VVRMVGSKF DQYMHTDVPE RDLTAFRQAW ELPLLRVKSVPGRRLADGRT LDGRAGLADV AHILNGLAEQ LWHQDQVAAG LLPNPPEAP E
Tag:	His-tag
Predicted MW:	30.9 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 8.5) containing 0.2M NaCl, 50% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human RSG1 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 week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_112169</a>
Locus ID:	79363
UniProt ID:	<a href="#">Q9BU20</a>
Cytogenetics:	1p36.13
Synonyms:	C1orf89; RSG1



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**Summary:**

Potential effector of the planar cell polarity signaling pathway. Plays a role in targeted membrane trafficking most probably at the level of vesicle fusion with membranes. Involved in cilium biogenesis by regulating the transport of cargo proteins to the basal body and to the apical tips of cilia. More generally involved in exocytosis in secretory cells (By similarity). [UniProtKB/Swiss-Prot Function]

**Product images:**

15% SDS-PAGE (3ug)