

Product datasheet for AR50695PU-S

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Product data:

Product Type: Recombinant Proteins

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

Description: C1orf89 (1-258, His-tag) human recombinant protein, 10 μg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MGSSHHHHHH SSGLVPRGSH MGSMARPPVP GSVVVPNWHE SAEGKEYLAC ILRKNRRRVF

or AA Sequence: GLLERPVLLP PVSIDTASYK IFVSGKSGVG KTALVAKLAG LEVPVVHHET TGIQTTVVFW PAKLQASSRV

VMFRFEFWDC GESALKKFDH MLLACMENTD AFLFLFSFTD RASFEDLPGQ LARIAGEAPG VVRMVIGSKF DQYMHTDVPE RDLTAFRQAW ELPLLRVKSV PGRRLADGRT LDGRAGLADV

AHILNGLAEQ LWHQDQVAAG LLPNPPESAP 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: NP 112169

 Locus ID:
 79363

 UniProt ID:
 Q9BU20

 Cytogenetics:
 1p36.13

Synonyms: C1orf89; RSG1

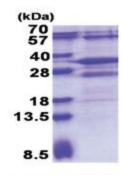




Summary:

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)