

Product datasheet for **AR03004PU-S**

ISG15 / G1P2 (Calmodulin-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	ISG15 / G1P2 (Calmodulin-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE EFVQMMTAKG SMGWDLTVKM LAGNEFQVSL SSSMSVSELK AQITQKIGVH AFQQLAVHP SGVALQDRVP LASQGLPGS TVLLVVDKCD EPLNILVRNN KGRSSTYEVR LTQTV AHLKQ QVSGLEGVQD DLFWLT FEGK PLEDQLPLGE YGLKPLSTVF MNLRLRGG
Tag:	Calmodulin-tag
Predicted MW:	34 kDa
Concentration:	lot specific
Purity:	>98% > 98% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid, purified by conventional chromatography techniques Buffer System: 20 mM Tris pH 8.0, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid, purified by conventional chromatography techniques
Protein Description:	Recombinant human ISG15
Storage:	Store at -20 °C. Avoid repeated freething and thawing.
Stability:	Shelf life: six month from despatch.
RefSeq:	NP_005092
Locus ID:	9636
UniProt ID:	P05161
Cytogenetics:	1p36.33
Synonyms:	UCRP



[View online »](#)

Summary:

The protein encoded by this gene is a ubiquitin-like protein that is conjugated to intracellular target proteins upon activation by interferon-alpha and interferon-beta. Several functions have been ascribed to the encoded protein, including chemotactic activity towards neutrophils, direction of ligated target proteins to intermediate filaments, cell-to-cell signaling, and antiviral activity during viral infections. While conjugates of this protein have been found to be noncovalently attached to intermediate filaments, this protein is sometimes secreted. [provided by RefSeq, Dec 2012]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

RIG-I-like receptor signaling pathway

Product images: