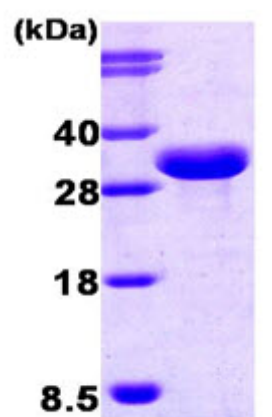


AR03004PU-N

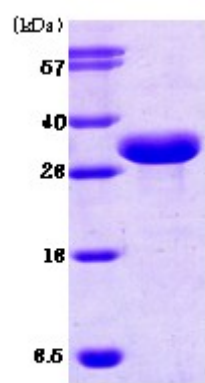
Human ISG15 / G1P2 (Calmodulin-tag) - Purified

Alternate names:	Interferon-induced 15 kDa protein, Interferon-induced 17 kDa protein, UCRP, Ubiquitin cross-reactive protein
Quantity:	0.5 mg
Concentration:	1.0 mg/ml
Background:	The interferon-stimulated gene, 15 kDa (ISG15) is an interferon regulated gene that is induced as a primary response to diverse microbial and cell stress stimuli, and encodes the founding member of the ubiquitin-like protein family. ISG15 shares several common properties with other ubiquitin-like molecules (UBLs), but its activity is tightly regulated by specific signaling pathways that have a role in innate immunity.
Uniprot ID:	P05161
NCBI:	NP_005092.1
GeneID:	9636
Species:	Human
Source:	E. coli
Format:	State: Liquid, purified by conventional chromatography techniques Purity: >98% > 98% by SDS PAGE Buffer System: 20mM Tris pH8.0, 0.1M NaCl, 1mM DTT
Description:	Recombinant human ISG15 AA Sequence: MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTEAELQ DMINEVDADG NGTIDFPEFL TMMARKMKDT DSEEEIREAF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE EFVQMMTAKG SMGWDLTVMK LAGNEFQVSL SSSMSVSELK AQITQKIGVH AFQQRLAVHP SGVALQDRVP LASQGLPGS TVLLVVDKCD EPLNILVRNN KGRSSTYEVRLTQTVAHLKQ QVSGLEGVQD DLFWLTPEGK PLEDQLPLGE YGLKPLSTVF MNLRLRGG Inactivation: NCBI Accession No.: NP_005092 Molecular weight: 34 kDa 34 kDa (308 aa)
Storage:	Store at -20 °C. Avoid repeated freezing and thawing. Shelf life: six month from despatch.
General Readings:	1. Narasimhan J., et al. (2005) J Biol Chem. Jul 22; 280(29):27356-65. 2. Andersen JB., et al. (2006) Cytokine Growth Factor Rev. Dec; 17(6):411-21

Pictures:



15% SDS-PAGE (3ug)



15% SDS-PAGE (5 µg)