

## Interferon stimulated gene 15 Human Recombinant

<b>Item Number</b>	rAP-5031
<b>Synonyms</b>	ISG15, G1P2, IFI15, UCRP, Interferon-induced 17 kDa protein precursor, ISG15 Ubiquitin-like modifier.
<b>Description</b>	ISG15 Human Recombinant fused to N-terminal Calmodulin Tag (151 a.a.) produced in E.Coli is a single, non-glycosylated polypeptide chain containing a total of 308 amino acids (157 a.a. without tag) and having a molecular mass of 34 kDa.
<b>Uniprot Accession Number</b>	P05161
<b>Amino Acid Sequence</b>	MADQLTEEQI AEFKEAFSLF DKDGDGTITT KELGTVMRSL GQNPTAEALQ DMINEVDADG NGTID-FPEFL TMMARKMKDT DSEEEIREF RVFDKDGNGY ISAAELRHVM TNLGEKLTDE EVDEMIREAD IDGDGQVNYE EFVQMMTAKG SMGWDLTVKM LAGNEFQVSL SSSMSVSELK AQITQKIGVH AFQQR LAVHP SGVALQDRVP LASQGLGPGS TVLLVVDKCD EPLNILVRNN KGRSSTYEVR LTQT-VAHLKQ QVSGLEGVQD DLFWLT FEGK PLEDQLPLGE YGLKPLSTVF MNLRLRGG.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The ISG15 solution contains 20mM Tris-HCl pH-8, 100mM NaCl and 1mM DTT. Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**