

## Product datasheet for **TP720977**

### ISG15 (NM\_005101) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ISG15 ubiquitin-like modifier (ISG15)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Gly2-Gly157
Tag:	C-His
Predicted MW:	18.2 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu$ m filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_005092</a>
Locus ID:	9636
UniProt ID:	<a href="#">P05161</a>
RefSeq Size:	685
Cytogenetics:	1p36.33
RefSeq ORF:	495
Synonyms:	G1P2; hUCRP; IFI15; IMD38; IP17; UCRP



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**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