

ISG15, 1-157 aa, Human, Calmodulin tagged, Recombinant, E.coli

Cat.NO.: TP02691

3th Edition

Synonyms: Interferon-stimulated gene, 15 kDa ubiquitin-like modifier, GIP2, UCRP, IFI15

Description: 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.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 0.1 M NaCl

Molecular Weight: 34 kDa (308 aa), confirmed by MALDI-TOF

Sequences:

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 µg of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.