

**IER3, 1-82 aa , Human, His tag, E.coli**

**Cat.NO.: TP02564**

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3th Edition

**Synonyms:** Radiation-inducible immediate-early gene IEX-1, immediate early response 3, DIF-2, DIF2, GLY96, IEX-1, IEX-1L, IEX1, PRG1

**Description:** IER3 functions in the protection of cells from Fas- or tumor necrosis factor type alpha-induced apoptosis. Partially degraded and unspliced transcripts are found after virus infection in vitro, but these transcripts are not found in vivo and do not generate a valid protein. Recombinant human IER3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT

**Molecular Weight:** 11.4kDa (105aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMCHSRSCHPTMTILQAPTPAPSTIPGPRRGSGPEIFTFDPLPEPAAAPAGRP  
SASRGHRKRSRRVLYPRVRRQLPVEEPNP

**Purity:** > 95% by HPLC

**Concentration:** 0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug 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.