

## 32-4006: IER3 Recombinant Protein

**Alternative Name** : immediate early response 3,DIF-2,DIF2,GLY96,IEX-1, IEX-1L,IEX1,PRG1,Protein DIF-2,Immediate early protein GLY96,PACAP-responsive gene 1 protein,Differentiation-dependent gene 2 protein,IER3.

### Description

Source : Escherichia Coli. IER3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 105 amino acids (1-82 a.a.) and having a molecular mass of 11.4kDa.IER3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Immediate Early Response 3 (IER3) functions in the protection of cells from Fas- or tumor necrosis factor type alpha-induced apoptosis. IER3 has a role in the ERK signaling pathway by inhibiting the dephosphorylation of ERK by phosphatase PP2A-PPP2R5C holoenzyme. In addition, IER3 serves as an ERK downstream effector mediating survival. As a member of the NUPR1/RELB/IER3 survival pathway, IER3 provides pancreatic ductal adenocarcinoma with significant resistance to cell stress, such as starvation or gemcitabine treatment.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 85.0% as determined by SDS-PAGE.
<b>Content :</b>	IER3 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
<b>Storage condition :</b>	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>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSMCHSRSC HPTMTILQAP TPAPSTIPGP RRGSGPEIFT FDPLPEPAAA PAGRPSASRG HRKRSRRVLY PRVRRQLPV EEPNP.

