

Recombinant human IER3 protein

Catalog Number: ATGP2133

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-82aa

UniProt No.

P46695

NCBI Accession No.

NP_003888.2

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

11.4 kDa (105aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MCHSRSC HPTMTILQAP TPAPSTIPGP RRGSGPEIFT FDPLPEPAAA
PAGRPSASRG HRKRSRRVLY PRVRRQLPV EEPNP

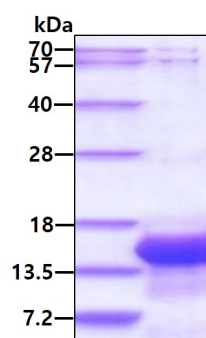
General References

Kondratyev AD, Chung KN, Jung MO (May 1996). Cancer Res 56 (7): 1498-502

Wu MX, Ao Z, Prasad KV, Wu R, Schlossman SF (Aug 1998). Science 281 (5379): 998-1001

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.