

Recombinant Human IFRD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IFRD1-3868H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IFRD1 MS Standard C13 and N15-labeled recombinant protein (NP_001541) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is an immediate early gene that encodes a protein related to interferon-gamma. This protein may function as a transcriptional co-activator/repressor that controls the growth and differentiation of specific cell types during embryonic development and tissue regeneration. Mutations in this gene are associated with sensory/motor neuropathy with ataxia. This gene may also be involved in modulating the pathogenesis of cystic fibrosis lung disease. Alternate splicing results in multiple transcript variants.
Molecular Mass	50.3 kDa
AA Sequence	MPKNKKRNTPHRGSSAGGGGSGAAAATAATAGGQHRNVQPFSEDEDASIIETMSHC SGYSDPSSFAEDGPEVLDEEGTQEDLEYKLGKGLIDLTLDKSAKTRQAALEGIKNALAS KMLYEFILERRMTLTDSIERCLKKKGKSDEQRAAAALASVLCIQLGPGIESEEILKTLGPI LKKIICDGSASMQRQTCATCFGVCCFIATDDITELYSTLECLNIFTKSYLKEKDTTVI CSTPNTVLHISLLAWTLLLITICPINEVKKKLEMHFHKLPSLLSCDDVNMRIAAGESLA LLFELARGIESDFFYEDMESLTQMLRALATDGNKHKRAKVDKQKRSVFRDVLRAVE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ERDFPTETIKFGPERMYIDCWVKKHTYDTFKEVLGSGMQYHLQSNEFLRNVFELGP
 PVMLDAATLKTMKISRFERHLYNSAAFKARTKARSKCRDKRADVGEFFTRTRPLEQK
 LISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IFRD1 interferon-related developmental regulator 1 [Homo sapiens (human)]

Official Symbol IFRD1

Synonyms IFRD1; interferon-related developmental regulator 1; PC4; TIS7; TPA induced sequence 7; pheochromocytoma cell-4; nerve growth factor-inducible protein PC4; 12-O-tetradecanoylphorbol-13-acetate-induced sequence 7;

Gene ID 3475

mRNA Refseq NM_001550

Protein Refseq NP_001541

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MIM	603502
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UniProt ID	O00458
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