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	MPKNKKRNTPHRGSSAGGGGSGAAAATAATAGGQHRNVQPFSDEDASIETMSHC SGYSDPSSFAEDGPEVLDEEGTQEDLEYKLKGLIDLTLDKSAKTRQAALEGIKNALAS KMLYEFILERRMTLTDSIERCLKKGKSDEQRAAAALASVLCIQLGPGIESEEILKTLGPI LKKIICDGSASMQARQTCATCFGVCCFIATDDITELYSTLECLENIFTKSYLKEKDTTVI CSTPNTVLHISSLLAWTLLLTICPINEVKKKLEMHFHKLPSLLSCDDVNMRIAAGESLA LLFELARGIESDFFYEDMESLTQMLRALATDGNKHRAKVDKRKQRSVFRDVLRAVE

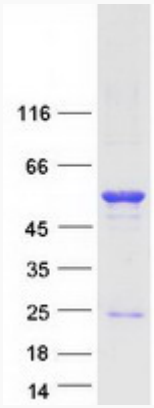
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	ERDFPTETIKFGPERMYIDCWVKKHTYDTFKEVLGSGMQYHLQSNEFLRNVFELGP PVMLDAATLKTMKISRFERHLYNSAAFKARTKARSKCRDKRADVGEFFTRTRPLEQK LISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt 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
UniProt ID	O00458
SDS-PAGE	

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