

Product datasheet for PH317538

IFRD1 (NM_001550) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	IFRD1 MS Standard C13 and N15-labeled recombinant protein (NP_001541)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217538
Predicted MW:	50.3 kDa
Protein Sequence:	>RC217538 protein sequence Red=Cloning site Green=Tags(s)

MPKNNKRNTPHRGSSAGGGGSGAAAATAATAGGQHRNVQPFSDDEDASIEIETMSHCSGYSDPSSFAEDGPEV
LDEEGTQEDLEYKLGKGLIDLTLDKSAKTRQAALLEGIKNALASKMLYEFILERRMTLTDSIERCLKKGGKSD
EQRAAAALASVLCIQLGPGIESEEILKTLGPILKKIICDGSASMQARQTCATCFGVCCFIATDDITELYS
TLECLENIFTKSYLKEKDTTIVICSTPNTVLHISLLAWTLLLITICPINEVKKKLEMHFHKLPSLLSCDDV
NMRIAAGESLALLFELARGIESDFFYEDMESLTQMLRALATDGNKHRAKVDKQKRSVFRDVLRAVEERD
FPTETIKFGPERMYIDCWVKKHTYDTFKEVLGSGMQYHLQSNEFLRNVFELGPPVMLDAATLKTMKISRF
ERHLYNSAAFKARTKARSKCRDKRADVGEFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001541
RefSeq Size:	3305
RefSeq ORF:	1353
Synonyms:	PC4; TIS7



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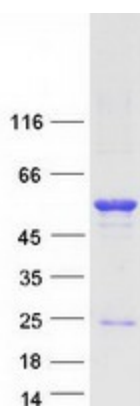
Locus ID: 3475

UniProt ID: [O00458](#), [A4D0U1](#)

Cytogenetics: 7q31.1

Summary: 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. [provided by RefSeq, Oct 2010]

Product images:



Coomassie blue staining of purified IFRD1 protein (Cat# [TP317538]). The protein was produced from HEK293T cells transfected with IFRD1 cDNA clone (Cat# [RC217538]) using MegaTran 2.0 (Cat# [TT210002]).