

Product datasheet for PH318028

C10orf137 (EDRF1) (NM_015608) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C10orf137 MS Standard C13 and N15-labeled recombinant protein (NP_056423)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218028
Predicted MW:	134.7 kDa
Protein Sequence:	>RC218028 representing NM_015608 Red=Cloning site Green=Tags(s)

MGDAKEAGAEGPPAGAAARGGLSLLSQGESEESSAQGSALFLGGNEVKSRAVVKYSSAPPRTAFARLEEK
TDLKLPPANWLRESAKLGPAGTTILGNSKSKPFSSFGMAYDFIDSVGNDVDVVSDSENICKLLKIPYSK
SHVSMAYHRIGRTLLLDLDIQELFMRSSQTGDWTWLKEFYQRLIDQKWQRKKKSKEHWYQKAILSKFLY
YSINGDGAAQPVSSAEQQESSSDQTNDSEGASWPAPFEMPSSVSEDPSASSQGLKNDVFRNLTWTFED
IHMLVGSNMPIFGGGRYPVSLRLRDNNKPINVLTGIDYWLDNLICNVPELVMCFHVNGIVQKYEMIKTE
EIPNLENSNFSTKVIKDIAQNILSFLKSNTKEGHTYWLFKASGSDIVKLYDLTTLCEETEDKYQNPFTM
PVAILLYKVACNMMKKQNKKHYGTIRTLNCLKLLDKSRHPQIIASANYMLSELFQLEPKKEENSE
SPLNENSDESYSSEEEEMPDSDENGSYSTSSDPSSDKAVAIKSVGELSVPEKYKSIHQIRPSCAFPVC
HDTTEERCRLVLSYVLEGLKSVDSIKKESDLPAADPSTPIPLKYEDESSRGGPEGLEKQMALFLDKMGSL
QKGNYSQSGMIPGSWQHMKMLQLILKSSKAYYVLSAAMSLQKYGRALRYIKLALQSHDTCCLCTNML
SEVLLFLSQYLTLCGDIQLMLAQNANNRAAHLEEFHYQTKEDQEILHSLHRESSCQGFATDLSTDLES
QLSVSCKCYEAANEILQFSDLKSNPEHYVQVLKRMGNIRNEIGVFYMNQAAALQSERLVSKSVSAAEQQ
LWKKSFSCFEKGIHNFESIEDATNAALLCNTGRMLRICAQAHGAGDELKREFSPEEGLYNNKAIDYYL
KALRSLGTRDIHPAVWDSVNWELSTTYFTMATLQQDYAPLSRKAQEQIEKEVSEAMMSLKYCDVDSVSA
RQPLCQYRAATIIHRLASMYHSLRNQVGDEHLRKQHRVLADLHYSKAALFQLLKDAPCELLRVQLERV
AFAEFQMTSQNSNVGKLKTL SGALDIMVRTEHAFQLIQKELIEEFQPKSGDAAAADASPRLNREEVMK
LLSIFESRLSFLLLQSIKLLSSTKKKTSNNIEDDTILKTNKHIYSQLLRATANKTATLLERINVIHLLG
QLAAGSAASSNAVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

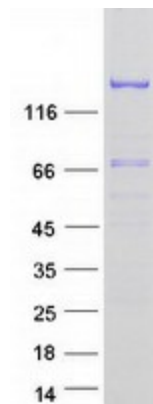
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine



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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_056423
RefSeq Size:	4596
RefSeq ORF:	3612
Synonyms:	C10orf137
Locus ID:	26098
UniProt ID:	Q3B7T1
Cytogenetics:	10q26.2
Summary:	This gene may play a role in erythroid cell differentiation. The encoded protein inhibits DNA binding of the erythroid transcription factor GATA-1 and may regulate the expression of alpha-globin and gamma-globin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]

Product images:



Coomassie blue staining of purified EDRF1 protein (Cat# [TP318028]). The protein was produced from HEK293T cells transfected with EDRF1 cDNA clone (Cat# [RC218028]) using MegaTran 2.0 (Cat# [TT210002]).