

Product datasheet for **TP318028M**

C10orf137 (EDRF1) (NM_015608) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 10 open reading frame 137 (C10orf137), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218028 representing NM_015608 Red =Cloning site Green =Tags(s)

MGDAKEAGAEGPPAGAAAARGGLSLLSQGESEESSAQGSALFLGGNEVKSRAVVKYSSAPPRTAFARLEEK
TDLKLPPANWLRESAKLGPAGTTILGNSKSKPFSSFGMAYDFIDSVGNDVDVSDSENICKLLKIPYSK
SHVSMVHRIGRTLLEDLDIQELFMRSSQTGDWTWLKEFYQRLIDQKWQRKKKSKHEHWYQKAILSKFLY
YSINGDGAAQPVSSAEQGESSSDQTNDSEGASWPAPFEMPSSVSEDPSASSQGLKNDFVRNLTWTFED
IHMLVGSNMPIFGGGRYPAVSLRLRDNNKPINVLTGIDYWLDNLICNPVELVMCFHVNQVQYEMIKTE
EIPNLENSNFSTKVIKDIAQNILSFLKSNTKEGHTYWLFKASGSDIVKLYDLTTLCEETEDKYQNPFTM
PVAIIYKLVACNMMMKKNQNKHYGTIRTLNCLKLLDKSRHPQIIASANYMLSELFQLDEPKKEENSE
SPLNENSDESYEEEEEMPDSDENGSYSTSSDPSDDSKAVAIKSVGELSVPEKYKSIHQIRPSCAFVPC
HDTEERCRLVLSYVLEGLKSVDSIKKESDLPADPSTPIPLKYEDESSRGGPEGLEKQMALFLDKMGSL
QKGNYSQSGMIPGSWQHMKMLQLILKSSKAYYVLSDAAMSLQKYGRALRYIKLALQSHDTYCCLCTNM
L

SEVLLFLSQYLTLCGDIQLMLAQNANNRAAHLEEFHYQTKEDQEILHSLHRESSCQGFATDLSTDLES
QLSVSCKCYEAANEILQFSDLKSNPEHYVQVLKRMGNIRNEIGVFYMNQAAALQSERLVSKSVSAAEQQ
LWKKSFSCFEKGIHNFESIEDATNAALLCNTGRLMRICAQAHCGAGDELKREFSPEEGLYNKAIDYYL
KALRSLGTRDIHPAVWDSVNWELSTTYFTMATLQQDYAPLSRKAQEQIEKEVSEAMMKSLKYCDVDSVSA
RQPLCQYRAATIHRLASMYHSCLRNQVGDEHLRKQHRVLADLHYSKAAKLFQLLKDAPCELLRVQLERV
AFAEFQMTSQNSNVGKLKTLGALDIMVRTEHAFQLIQKELIEEFGQPKSGDAAAADASPPLNREEVMK
LLSIFESRLSFLLLQSIKLLSSTKKKTSNNIEDDTILKTNKHIYSQLLRATANKTATLLERINVIVHLLG
QLAAGSAASSNAVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

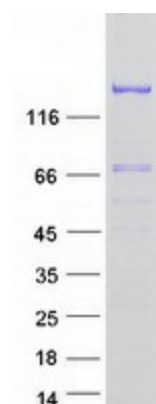
Tag:	C-Myc/DDK
Predicted MW:	134.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_056423
Locus ID:	26098
UniProt ID:	Q3B7T1
RefSeq Size:	4596
Cytogenetics:	10q26.2
RefSeq ORF:	3612
Synonyms:	C10orf137
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]).