

Recombinant Human EDRF1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EDRF1-4600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	C10orf137 MS Standard C13 and N15-labeled recombinant protein (NP_056423) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	134.7 kDa
AA Sequence	MGDAKEAGAEGPPAGAAARGGLSLLSQGESEESSAQGSALFLGGNEVKSRAVVKY SSAPPRTAFAARLEEKTDLKLPPANWLRESAKLGPAGTTILGNSKKSKPFSSFGMAYD FIDSVGNDVDVSDSENIKKLLKIPYSKSHVSMVHRIGRTLLEDLDIQELFMRSSQT GDWTWLKEFYQRLIDQKWQRKKKSKEHWYQKAILSKFLYYSSINGDGAAQPVSSSTAE QQESSSSDQTNDSSEGASWPAPFEMPSSVSEDPSSASSQGLKNDFVRNILLWTFEDIH MLVGSNMPIFGGGGRYPVSLRLRDNNKPINVLTGIDYWLDNLICNPPELVMCFHVNG IVQKYEMIKTEEIPNLENSNFSTKVIKDIAQNILSFLKSNCTKEGHTYWLFKASGSDIVK LYDLTTLCCEETEDKYQNPFTMPVAILLYKVACNMMMKKNQNKHHYGTIRTLNCLK LLDKSRHPQIIASANYMLSELFQLDEPKKEENSESPLNENSDESYSSEEEEMPDSDE

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NGSYSTSSDPSDDSKAVAIKSVGELSVPEKYKSIHQIRPSCAFPVCHDTEERCRLVL
 SYVLEGLKSVSDSSIKKESDLPAADPSTPIPLKYEDESSRGGPEGLEKQMALFLDKMG
 SLQKGNYSQSGMIPGSWQHMKLQLILKSSKAYYVLSDAAMSLQKYGRALRYIKLA
 LQSHDTYCCLCTNMLSEVLLFLSQYLTLCGDIQLMLAQNANNRAAHLEEFHYQTKED
 QEILHSLHRESSCQGFAWATDLSTDLESQLSVSCKCYEAANEILQFSDLKSQNPEHY
 VQVLKRMGNIRNEIGVFYMNQAAALQSERLVSKSVSAAEQQLWKKSFSCEFKEGIHN
 FESIEDATNAALLCNTGRLMRICAQAHCGAGDELKREFSPEEGLYYNKAIDYYLKAL
 RSLGTRDIHPAVWDSVNWELSTTYFTMATLQQDYAPLSRKAQEQIEKEVSEAMMKS
 LKYCDVDSVSARQPLCQYRAATIHRLASMYHSCLRNQVGDEHLRKQHRVLADLHY
 SKAAKLFQLLKDAPCELLRVQLERVAFAEFQMTSQNSNVGKLKTLGALDIMVRTEH
 AFQLIQKELIEEFGQPKSGDAAAAADASPSLNREEVMKLLSIFESRLSFLLLQSIKLLS
 STKKKTSNNIEDDTILKTNKHIYSQLLRATANKTATLLERINVIVHLLGQLAAGSAASSN
 AVQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 EDRF1 erythroid differentiation regulatory factor 1 [Homo sapiens (human)]

Official Symbol EDRF1

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Synonyms	EDRF1; erythroid differentiation regulatory factor 1; C10orf137; erythroid differentiation-related factor 1
Gene ID	26098
mRNA Refseq	NM_015608
Protein Refseq	NP_056423
UniProt ID	Q3B7T1
SDS-PAGE	