Recombinant Human CRACR2A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CRACR2A-3731H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EFCAB4B MS Standard C13 and N15-labeled recombinant protein (NP_116069) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CRACR2A (Calcium Release Activated Channel Regulator 2A) is a Protein Coding gene. Diseases associated with CRACR2A include Stormorken Syndrome and Myopathy, Tubular Aggregate, 1. Among its related pathways are Innate Immune System. Gene Ontology (GO) annotations related to this gene include calcium ion binding and GTPase activity. An important paralog of this gene is CRACR2B.
Molecular Mass	45.4 kDa
AA Sequence	MAAPDGRVVSRPQRLGQGSGQGPKGSGACLHPLDSLEQKETQEQTSGQLVMLRK AQEFFQTCDAEGKGFIARKDMQRLHKELPLSLEELEDVFDALDADGNGYLTPQEFTT GFSHFFFSQNNPSQEDAGEQVAQRHEEKVYLSRGDEDLGDMGEDEEAQFRMLMD RLGAQKVLEDESDVKQLWLQLKKEEPHLLSNFEDFLTRIISQLQEAHEEKNELECALK RKIAAYDEEIQHLYEEMEQQIKSEKEQFLLKDTERFQARSQELEQKLLCKEQELEQLT QKQKRLEGQCTALHHDKHETKAENTKLKLTNQELARELERTSWELQDAQQQLESL QQEACKLHQEKEMEVYRVTESLQREKAGLLKQLDFLRCVGGHWPVLRAPPRSLGS EGPVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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	CRACR2A calcium release activated channel regulator 2A [Homo sapiens (human)]
Official Symbol	CRACR2A
Synonyms	CRACR2A; calcium release activated channel regulator 2A; EFCAB4B; EF-hand calcium-binding domain-containing protein 4B; CRAC channel regulator 2A; CRAC regulator 2A; Ca2+ release-activated Ca2+ (CRAC) channel regulator 2A; EF-hand calcium binding domain 4B; calcium release-activated calcium channel regulator 2A
Gene ID	84766
mRNA Refseq	NM_032680
Protein Refseq	NP_116069
MIM	614178
UniProt ID	Q9BSW2

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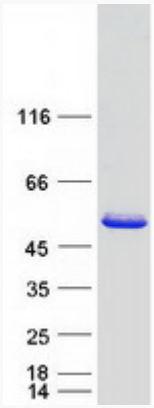
SDS-PAGE	

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