Recombinant Human RASGEF1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RASGEF1A-5596H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RASGEF1A MS Standard C13 and N15-labeled recombinant protein (NP_660356) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	RASGEF1A (RasGEF Domain Family Member 1A) is a Protein Coding gene. Diseases associated with RASGEF1A include Intrahepatic Cholangiocarcinoma and Cholangiocarcinoma. Among its related pathways are RET signaling and Signaling by GPCR. Gene Ontology (GO) annotations related to this gene include guanyl-nucleotide exchange factor activity and Ras guanyl-nucleotide exchange factor activity. An important paralog of this gene is RASGEF1B.
Molecular Mass	54.5 kDa
AA Sequence	MPQTSVVFSSILGPSCSGQVQPGMGERGGGAGGGSGDLIFQDGHLISGSLEALME HLVPTVDYYPDRTYIFTFLLSSRVFMPPHDLLARVGQICVEQKQQLEAGPEKAKLKS FSAKIVQLLKEWTEAFPYDFQDEKAMAELKAITHRVTQCDEENGTVKKAIAQMTQSL LLSLAARSQLQELREKLRPPAVDKGPILKTKPPAAQKDILGVCCDPLVLAQQLTHIEL DRVSSIYPEDLMQIVSHMDSLDNHRCRGDLTKTYSLEAYDNWFNCLSMLVATEVCR VVKKKHRTRMLEFFIDVARECFNIGNFNSMMAIISGMNLSPVARLKKTWSKVKTAKF DVLEHHMDPSSNFCNYRTALQGATQRSQMANSSREKIVIPVFNLFVKDIYFLHKIHTN

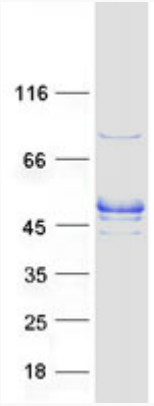
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	HLPNGHINFKKFWEISRQIHEFMTWTQVECPFEKDKKIQSYLLTAPIYSEEALFVASF ESEGPENHVEKDSWKTLRTTLLNRATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper 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	RASGEF1A RasGEF domain family member 1A [Homo sapiens (human)]
Official Symbol	RASGEF1A
Synonyms	RASGEF1A; RasGEF domain family, member 1A; ras-GEF domain-containing family member 1A; CG4853; FLJ37817; CG4853 gene product;
Gene ID	221002
mRNA Refseq	NM_145313
Protein Refseq	NP_660356
MIM	614531

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UniProt ID	Q8N9B8
SDS-PAGE	

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