

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

Cat. No. RASEF-4795H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RASEF MS Standard C13 and N15-labeled recombinant protein (NP_689786) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the Rab family of GTPases that are involved in regulation of membrane traffic. The encoded protein contains an N-terminal EF-hand domain, a coiled-coil motif and a C-terminal Rab domain. A potential role as tumor suppressor has been indicated for this gene.
Molecular Mass	82.9 kDa
AA Sequence	MEADGDGEELARLSVFAACDANRSGRLEREEFRALCTELRVRPADAEAVFQRLDA DRDGAITFQEFARGFLGSLRGRRRDWGPLDPAPAVSEAGPETHDSEDEGEDA AAALATSCGPASPGRAWQDFQARLGDEAKFIPREEQVSTLYQNINLVEPRLIQPYEH VIKNFIREIRLQSTEMENLAIQVKAQDKAAMQLSELEEEMDQRIQAAEHKTRKDEKR KAEELSDLRRQYETEVGDLQVTIKLRKLEEQSKRVSQKEDVAALKKQIYDLSMEN QKVKKDLLEAQTNIAFLQSELDALKSDYADQSLNTERDLEIIRAYTEDRNSLERQIEIL QTANRKLHDSNDGLRSALENSYSKFNRSLHINNISPNTISRSSPKFIGHSPQPLGYD RSSRSSYVDEDCDSLALCDPLQRTNCEVDSLPESCFDSGLSTLRDPNEYDSEVEYK HQRGFQRSHGVQESFGGDASDTPDIRDEETFGLEDVASVLDWKPQGSVSEGS

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VSSSRKPISALSPQTDLVDDNAKSFSSQKAYKIVLAGDAAVGKSSFLMRLCKNEFRE
 NISATLGVDVFQMKTLIVDGERTVLQLWDTAGQERFRSIAKSYFRKADGVLLLYDVTC
 EKSFLNIREWVDMIEDAAHETVPIMLVGNKADIRDTAATEGQKCVPGHFGEKLAMTY
 GALFCETSAKDGSNIVEAVLHLAREVKKRTDKDDSRITNLTGTNSKKSPQMKNCCN
 GSGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [RASEF RAS and EF-hand domain containing \[Homo sapiens \(human\) \]](#)

Official Symbol [RASEF](#)

Synonyms RASEF; RAS and EF-hand domain containing; RAB45, RAB45, member RAS oncogene family; ras and EF-hand domain-containing protein; FLJ31614; ras-related protein Rab-45; RAB45, member RAS oncogene family; RAS and EF hand domain containing; RAB45;

Gene ID [158158](#)

mRNA Refseq [NM_152573](#)

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Protein Refseq NP_689786

MIM 611344

UniProt ID Q8IZ41

SDS-PAGE



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