Recombinant Human RASEF protein, His-tagged

Cat. No. RASEF-3654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RASEF protein(1-245 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-245 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MEADGDGEELARLRSVFAACDANRSGRLEREEFRALCTELRVRPADAEAVFQRLDA DRDGAITFQEFARGFLGSLRGGRRRDWGPLDPAPAVSEAGPETHDSEEDEGDEDA AAALATSCGPASPGRAWQDFQARLGDEAKFIPREEQVSTLYQNINLVEPRLIQPYEH VIKNFIREIRLQSTEMENLAIAVKRAQDKAAMQLSELEEEMDQRIQAAEHKTRKDEKR KAEEALSDLRRQYETEVGD
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	RASEF RAS and EF-hand domain containing [Homo sapiens]
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
Protein Refseq	NP_689786
MIM	611344
UniProt ID	Q8IZ41

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