

Recombinant Mouse Fam83a Protein, Myc/DDK-tagged

Cat. No. Fam83a-2948M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length family with sequence similarity 83, member A (Fam83a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probable proto-oncogene that functions in the epidermal growth factor receptor/EGFR signaling pathway. Activates both RAS/MAPK and PI3K/AKT/TOR signaling cascades downstream of EGFR. Required for the RAS/MAPK signaling cascade activation upon EGFR stimulation, it also activates both signaling cascades independently of EGFR activation.
Molecular Mass	28.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Fam83a family with sequence similarity 83, member A [Mus musculus (house mouse)]
Official Symbol	Fam83a
Synonyms	Fam83a; family with sequence similarity 83, member A; protein FAM83A
Gene ID	239463
mRNA Refseq	NM_173862
Protein Refseq	NP_776287
UniProt ID	Q8K2P2

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