

Recombinant Mouse Def6 Protein, Myc/DDK-tagged

Cat. No. Def6-2517M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length differentially expressed in FDCP 6 (Def6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Phosphatidylinositol 3,4,5-trisphosphate-dependent guanine nucleotide exchange factor (GEF) which plays a role in the activation of Rho GTPases RAC1, RhoA and CDC42. Can regulate cell morphology in cooperation with activated RAC1. Plays a role in Th2 (T helper cells) development and/or activation, perhaps by interfering with ZAP70 signaling. Required for optimal T-cell effector function, lymphocyte homeostasis and the prevention of systemic autoimmunity.
Molecular Mass	73.5 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Def6 differentially expressed in FDCP 6 [*Mus musculus* (house mouse)]

Official Symbol Def6

Synonyms DEF6; differentially expressed in FDCP 6; DEF-6; IRF4-binding protein; IRF-4-binding protein; SWAP-70-like adapter of T-cells; Ibp; Slat; Slat2; Slat6; AV094905; 2410003F05Rik; 6430538D02Rik

Gene ID 23853

mRNA Refseq NM_027185

Protein Refseq NP_081461

UniProt ID Q8C2K1

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