Recombinant Mouse Cyth2 Protein, Myc/DDK-tagged

Cat. No. Cyth2-2429M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length cytohesin 2 (Cyth2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a guanine-nucleotide exchange factor (GEF). Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Activates ARF factors through replacement of GDP with GTP. The cell membrane form, in association with ARL4 proteins, recruits ARF6 to the plasma membrane. Involved in neurite growth.
Molecular Mass	46.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Cyth2 cytohesin 2 [Mus musculus (house mouse)]
Official Symbol	Cyth2
Synonyms	CYTH2; cytohesin 2; cytohesin-2; mSec7-2; SEC7 homolog B; pleckstrin homology, Sec7 and coiled-coil domains 2; PH, SEC7 and coiled-coil domain-containing protein 2; ARNO; CLM2; Pscd2
Gene ID	19158
mRNA Refseq	NM_011181
Protein Refseq	NP_035311
UniProt ID	P63034

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