

Recombinant Mouse Epha3

Cat. No. Epha3-493M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse EPHA3 (EDK98238.1) (Gly569-Val984) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	Gly569-Val984
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant mouse EPHA3 consists of 418 amino acids and has a calculated molecular mass of 46.6 kDa. The recombinant protein migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

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GENE INFORMATION

Gene Name	Epha3 Eph receptor A3 [Mus musculus]
Official Symbol	Epha3
Synonyms	EPHA3; Eph receptor A3; ephrin type-A receptor 3; EK4; EPH-like kinase 4; tyrosine-protein kinase TYRO4; tyrosine-protein kinase receptor ETK1; Hek; Cek4; ETK1; End3; Hek4; Mek4; Tyro4; AW492086;
Gene ID	13837
mRNA Refseq	NM_010140
Protein Refseq	NP_034270
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem;
Function	ATP binding; GPI-linked ephrin receptor activity; ephrin receptor activity; kinase activity; nucleotide binding; protein tyrosine kinase activity; receptor activity; transferase activity;

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