

Recombinant Mouse Ephrin A2

Cat. No. EfnA2-1731M Lot. No. (See product label)

SPECIFICATION

Species	Mouse
Source	Mammalian Cells
Description	Ephrin-A2 (EPHA2), also known as EFNA2 is an oncoprotein that is a member of the ephrin ligand family, which binds members of the Eph receptor family. Ephrin-A2 is a negative regulator of proliferation. EPHA2 plays a vital role in maintaining lens transparency. It also represents a new marker and novel target for the development of molecular therapeutics against glioblastoma multiforme (GBM).
Molecular Weight	The predicted molecular weight of Recombinant Mouse Ephrin-A2 is Mr 46 kDa. However, the actual molecular weight as observed by migration on SDS Page is Mr 57 kDa.
State Of Matter	Lyophilized.
Purity	>90% by SDS Page and analyzed by silver stain.
Endotoxin	<1.0 EU/g as determined by the LAL method.
Storage And Stability	This lyophilized protein is stable for six to twelve months when stored desiccated at -20°C to -70°C. After aseptic reconstitution, this protein may be stored at 2°C to 8°C for one month or at -20°C to -70°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage

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instructions.

GENE INFORMATION

Gene Name [Efna2 ephrin A2 \[Mus musculus \]](#)

Synonyms Efna2; ephrin A2; Elf1; Epl6; CEK7L; Eplg6; Lerk6; ephrin A6; CEK7-ligand; OTTMUSP00000020589; EPH related receptor tyrosine kinase ligand 6; Cek7-L; Ephrin-A2; LERK-6

Gene ID [13637](#)

mRNA Refseq [NM_007909](#)

Protein Refseq [NP_031935](#)

UniProt ID [P52801](#)

Chromosome Location 10 C1; 10 44.0 cM

Pathway Axon guidance

Function protein binding

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