

Recombinant Mouse Ephrin A2

Cat. No. Efna2-1731M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

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

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Repeated Freeze Thaw Cycles. See Product Insert for exact lot specific storage 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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