Recombinant Mouse Epha1, GST-tagged, Active

Cat. No. Epha1-299M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouseEpha1 (569-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. MW=71 kDa.
Species	Mouse
Source	Sf9 Cells
ProteinLength	569-end a.a.
Description	Epha1 is a member of the Eph family of receptor tyrosine kinases that have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the Eph subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. EPHA1 seems to be a marker of the differentiated normal epidermis and its downregulation in nonmelanoma skin cancer may contribute to carcinogenesis of these very frequent human tumors. EPHA1 represents a new potential prognostic marker and therapeutic target in nonmelanoma skin cancer.
Sequence	569-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

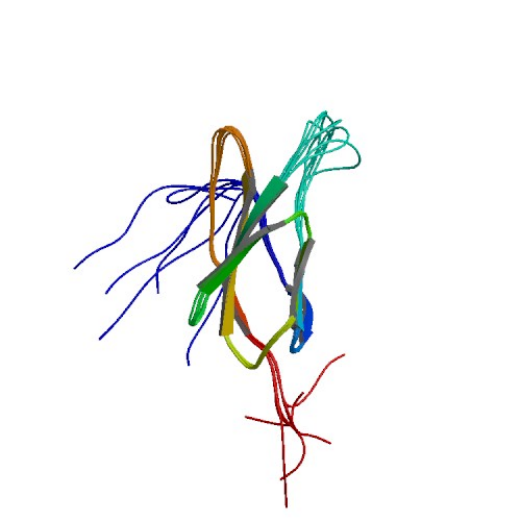
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Epha1 Eph receptor A1 [Mus musculus]
Synonyms	Epha1; Eph receptor A1; Eph; Esk; AL033318; 5730453L17Rik; ephrin receptor EphA1; EC 2.7.10.1
Gene ID	13835
mRNA Refseq	NM_023580
Protein Refseq	NP_076069
UniProt ID	Q60750
Chromosome Location	6 B2.1
Pathway	Axon guidance
Function	ATP binding; ephrin receptor activity; kinase activity; nucleotide binding; protein binding; protein kinase activity; receptor activity; transmembrane receptor protein tyrosine kinase activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based on 1x5a



Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA