Recombinant Mouse Epha3 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Epha3-495MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the mouse EPHA3 (NP_796047.2) (Met1-His541) (Alexa Fluor 488 conjugated) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His541 532
Form	Lyophilized
Molecular Mass	The recombinant mouse EPHA3 comprises 532 amino acids and has a predicted molecular mass of 60.2 kDa. The apparent molecular mass of the protein is approximately 67.8 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 488

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

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