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

Cat. No. Epha3-552RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the rat EPHA3 (EDL75897.1) (Met1-His541) (Alexa Fluor 488 conjugated) was expressed with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-His541 532
Form	Lyophilized
Molecular Mass	The recombinant rat EPHA3 comprises 532 amino acids and predicts a molecular mass of 61.2 kDa. The apparent molecular mass of the recombinant protein is approximately 70.5 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	> 90 % 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

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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 [Rattus norvegicus]
Official Symbol	Epha3
Synonyms	EPHA3; Eph receptor A3; ephrin type-A receptor 3; EK4; rEK4; EPH-like kinase 4; tyrosine-protein kinase TYRO4; tyrosine-protein kinase receptor REK4;
Gene ID	29210
mRNA Refseq	NM_031564
Protein Refseq	NP_113752

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