Recombinant Human EPHA3 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. EPHA3-8547HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human EPHA3 (Met1-Gln541), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Human
Source	HEK293
ProteinLength	532
Form	Lyophilized
Molecular Mass	The recombinant human EPHA3 consists of 532 amino acids and predicts a molecular mass of 60.3 kDa. It migrates as an approximately 65-70 kDa band in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	Glu 21
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

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	Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	EPHA3 EPH receptor A3 [Homo sapiens]
Official Symbol	EPHA3
Gene ID	2042
mRNA Refseq	NM_005233
Protein Refseq	NP_005224
MIM	179611
UniProt ID	P29320

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