# Recombinant Mouse Epha3 Protein, His-GST-tagged, Alexa Fluor 555 conjugated

**Cat. No.** EPHA3-180MAF555 **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Alexa Fluor 555 conjugated recombinant Mouse Epha3 (EDK98238.1) (Gly569-Val984), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells. |
| **Species** | Mouse |
| **Source** | Insect Cells |
| **ProteinLength** | 653 |
| **Form** | Lyophilized |
| **Molecular Mass** | The recombinant mouse EPHA3/GST chimera consists of 653 amino acids and has a calculated molecular mass of 74.3 kDa. The recombinant protein migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions. |
| **N-terminal Sequence Analysis** | Met |
| **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 |

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

| | |
|---|---|
| | Labeled with Alexa Fluor 555 via amines<br>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters. |
| **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 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 8.0.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 555 |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | Epha3 Eph receptor A3 [ Mus musculus ] |
| **Official Symbol** | Epha3 |
| **Gene ID** | 13837 |
| **mRNA Refseq** | NM_010140 |
| **Protein Refseq** | NP_034270 |

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