

Recombinant Mouse Kit Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Kit-4037MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Mouse Kit (NP_001116205.1) extracellular domain (Met 1-Thr 523), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	740
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse KIT/Fc is a disulfide-linked homodimeric protein. The reduced monomer comprises 740 amino acids and has a predicted molecular mass of 82.5 kDa. As a result of glycosylation, the apparent molecular mass of rmKIT/Fc monomer is approximately 100-110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines 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

 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

	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 PBS, pH 7.4
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	Kit kit oncogene [Mus musculus]
Official Symbol	Kit
Gene ID	16590
mRNA Refseq	NM_001122733
Protein Refseq	NP_001116205

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