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

Cat. No. Kit-4038MAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Mouse Kit (NP_001116205.1) extracellular domain (Met 1-Thr 523), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Mouse
Source	HEK293
ProteinLength	510
Form	Lyophilized
Molecular Mass	The secreted recombinant mouse KIT comprises 510 amino acids and has a predicted molecular mass of 57 kDa. As a result of glycosylation, the apparent molecular mass of rmKIT is approximately 70-80 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 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 -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 488

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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