

Recombinant Rat B7H5 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. B7H5-1155RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant rat B7H5 (NP_001037765.1) (Met1-Ala191) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	397
Form	Lyophilized
Molecular Mass	44.7 kDa
N-terminal Sequence Analysis	Ile 33
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 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

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	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, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 555

GENE INFORMATION

Gene Name	Vsir V-set immunoregulatory receptor [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Vsir
Synonyms	Vsir; V-set immunoregulatory receptor; V-type immunoglobulin domain-containing suppressor of T-cell activation; platelet receptor Gi24
Gene ID	690899
mRNA Refseq	NM_001044300
Protein Refseq	NP_001037765
UniProt ID	G3V9P3

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