Active Recombinant Human CD160 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. CD160-453HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human CD160 (NP_008984.1) (Met 1-Leu 158) without the propeptide was expressed, with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	143
Form	Lyophilized
Bio-activity	Measured by its ability to bind with biotinylated human HVEM-Fch in a functional ELISA.
Molecular Mass	The recombinant human CD160 consists of 143 amino acids and has a predicted molecular mass of 16.4 kDa. In SDS-PAGE under reducing conditions, rh CD160 migrates as an approximately 25 kDa band due to glycosylation.
N-terminal Sequence Analysis	Ile 27
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE

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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 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	CD160 CD160 molecule [Homo sapiens]
Official Symbol	CD160
Synonyms	CD160; CD160 molecule; CD160 antigen; BY55; NK1; NK28; CD160-delta Ig; CD160 transmembrane isoform; natural killer cell receptor BY55; natural killer cell receptor, immunoglobulin superfamily member; FLJ46513;
Gene ID	11126

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mRNA Refseq	NM_007053
Protein Refseq	NP_008984
MIM	604463
UniProt ID	O95971

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