

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 |

 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

| | |
|-----------------------|--|
| Characteristic | <p>Disulfide-linked homodimer</p> <p>Labeled with Alexa Fluor 555 via amines</p> <p>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.</p> |
| 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 |

 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



| | |
|----------------|-----------|
| mRNA Refseq | NM_007053 |
| Protein Refseq | NP_008984 |
| MIM | 604463 |
| UniProt ID | O95971 |

 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