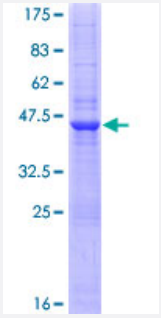
Full-Length

CD160 (Human) Recombinant Protein (P02)

Catalog # H00011126-P02 Size 10 ug, 25 ug

Applications



Specification

Product Description	Human CD160 full-length ORF (NP_008984.1, 1 a.a. - 181 a.a.) recombinant protein with GST-tag a t N-terminal.
Sequence	MLLEPGRGCCALAILLAIVDIQSGGCINITSSASQEGTRLNLICTVWHKKEEAEGFVVFLCKDRSGD CSPETSLKQLRLKRDPGIDGVGEISSQLMFTISQVTPLHSGTYQCCARSQKSGIRLQGHFFSILFTE TGNYTVTGLKQRQHLEFSHNEGTLSSGFLQEKVWVMLVTSLVALQAL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	46.2
Interspecies Antigen Sequence	Mouse (66)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CD160

Entrez GeneID	11126
GeneBank Accession#	BC014465.1
Protein Accession#	NP_008984.1
Gene Name	CD160
Gene Alias	BY55, FLJ46513, NK1, NK28
Gene Description	CD160 molecule
Omim ID	604463
Gene Ontology	Hyperlink
Gene Summary	CD160 is an 27 kDa glycoprotein which was initially identified with the monoclonal antibody BY55 . Its expression is tightly associated with peripheral blood NK cells and CD8 T lymphocytes with c ytolytic effector activity. The cDNA sequence of CD160 predicts a cysteine-rich, glycosylphosphat idylinositol-anchored protein of 181 amino acids with a single Ig-like domain weakly homologous t o KIR2DL4 molecule. CD160 is expressed at the cell surface as a tightly disulfide-linked multimer . RNA blot analysis revealed CD160 mRNAs of 1.5 and 1.6 kb whose expression was highly restri cted to circulating NK and T cells, spleen and small intestine. Within NK cells CD160 is expresse d by CD56dimCD16+ cells whereas among circulating T cells its expression is mainly restricted t o TCRgd bearing cells and to TCRab+CD8brightCD95+CD56+CD28-CD27-cells. In tissues, CD 160 is expressed on all intestinal intraepithelial lymphocytes. CD160 shows a broad specificity for binding to both classical and nonclassical MHC class I molecules. [provided by RefSeq
Other Designations	CD160 antigen|OTTHUMP00000015585|natural killer cell receptor, immunoglobulin superfamily member