PRODUCT INFORMATION

Target	CD5
Synonyms	CD5;LEU1
Description	Recombinant human CD5 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P06127
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CD5(Arg25-Pro372) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 39.5 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms.
Usage	Research use only
Conjugate	Unconjugated

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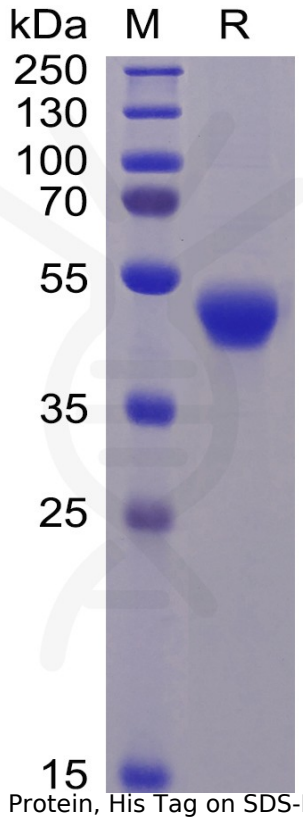


Figure 1. Human CD5 Protein, His Tag on SDS-PAGE under reducing condition.

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