CD5 (Human) Recombinant Protein

Catalog # P9643 Size 20 ug

Specification

Product Description	Human CD5 (P06127, 25 a.a. - 372 a.a.) partial recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSRLSWYDPDFQARLTRSNSKCQGQLEVYLKDGWHMVCSQ SWGRSSKQWEDPSQASKVCQRLNCGVPLSLGPFLVTYTPQSSIICYGQLGSFSNCSHSRNDMC HSLGLTCLEPQKTTPPTTRPPPTTTPEPTAPPRLQLVAQSGGQHCAGVVEFYSGSLGGTISYEAQ DKTQDLENFLCNNLQCGSFLKHLPETEAGRAQDPGEPREHQPLPIQWKIQNSSCTSLEHCFRKIK PQKSGRVLALLCSGFQPKVQSRLVGGSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCR EQQCGSVNSYRVLDAGDPTSRGLFCPHQKLSQCHELWERNSYCKKVFVTCQDPNP
Host	Escherichia coli
Theoretical MW (kDa)	41
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 80.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (0.4 M Urea and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 2-4 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD5

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Entrez GeneID	921
Protein Accession#	P06127
Gene Name	CD5
Gene Alias	LEU1, T1
Gene Description	CD5 molecule
Omim ID	153340
Gene Ontology	Hyperlink
Other Designations	CD5 antigen (p56-62)

Pathway

- Hematopoietic cell lineage

Disease

- DNA Damage
- Genetic Predisposition to Disease
- Hematologic Diseases
- Hodgkin Disease
- Leukemia
- Lymphoma
- Lymphoproliferative Disorders
- Multiple Myeloma
- Occupational Diseases
- Waldenstrom Macroglobulinemia
- Werner syndrome

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