

# Recombinant Full Length Human CD5 Protein

**Cat. No.** CD5-60HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant full length Human CD5 with N terminal proprietary tag; predicted MWt: 80.96 kDa including the tag.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 495 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | CD5 is a cluster of differentiation found on a subset of IgM-secreting B cells called B-1 cells, and also on T cells.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 80.960kDa inclusive of tags                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MPMGSLQPLATLYLLGMLVASCLGRLSWYDPDFQARLTRS NSKCQGQLEVYLKDG<br>WHMVCSQSWGRSSKQWEDPSQASKV CQRLNCGVPLSLGPFLVTYTPQSSIICYG<br>QLGSFSNCSHS RNDMCHSLGLTCLEPQKTTPTTRPPPTTTPEPTAPPRLQ LVAQ<br>SGGQHCAGVVEFYSGSLGGTISYEAQDKTQDLENFL CNNLQCGSFLKHLPETEAG<br>RAQDPGEPREHQPLPIQWKIQ NSSCTSLEHCFRKIKPQKSGRVLALLCSGFQPKVQ<br>SRLVG GSSICEGTVEVRQGAQWAALCDSSSARSSLRWEEVCREQQ CGSVNSYRV<br>LDAGDPTSRGLFCPHQKLSQCHELWERNASYC KKVFTVCQDPNPAGLAAGTVASIIL<br>ALVLLVLLVVCGPL AYKKLVKKFRQKKQRQWIGPTGMNQNMFSHRNHTATVRSH<br>AENPTASHVDNEYSQPPRNSRLSAYPALEGLVHRSSMQPD NSSDSYDLHGAQRL |

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|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Proprietary Purification                                                                           |
| <b>Storage</b>        | Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles. |
| <b>Storage Buffer</b> | pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.                                          |

## GENE INFORMATION

|                        |                                                                                     |
|------------------------|-------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD5 CD5 molecule [ Homo sapiens ]                                                   |
| <b>Official Symbol</b> | CD5                                                                                 |
| <b>Synonyms</b>        | CD5; CD5 molecule; CD5 antigen (p56 62) , LEU1; T-cell surface glycoprotein CD5; T1 |
| <b>Gene ID</b>         | 921                                                                                 |
| <b>mRNA Refseq</b>     | NM_014207                                                                           |
| <b>Protein Refseq</b>  | NP_055022                                                                           |
| <b>MIM</b>             | 153340                                                                              |
| <b>UniProt ID</b>      | P06127                                                                              |

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