

## Recombinant Human CTRL protein, His-tagged

**Cat. No.** CTRL-336H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CTRL protein(P40313) (Met1-Asn264) was expressed in HEK293 with a polyhistidine tag at the C-terminus.                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-264 aa                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant human CTRL consists of 257 amino acids and predicts a molecular mass of 27.6 KDa. It migrates as an approximately 35 and 32KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                             |
| <b>Purity</b>           | (36.0+62.4) % as determined by SDS-PAGE                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.              |

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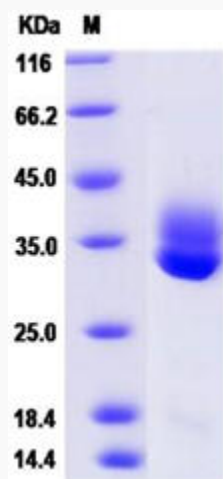
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## GENE INFORMATION

|                        |                                                                                |
|------------------------|--------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CTRL chymotrypsin-like [ Homo sapiens (human) ]                                |
| <b>Official Symbol</b> | CTRL                                                                           |
| <b>Synonyms</b>        | CTRL; CTRL1; chymotrypsin-like; chymotrypsin-like protease CTRL-1; EC 3.4.21.- |
| <b>Gene ID</b>         | 1506                                                                           |
| <b>mRNA Refseq</b>     | NM_001907                                                                      |
| <b>Protein Refseq</b>  | NP_001898                                                                      |
| <b>MIM</b>             | 118888                                                                         |
| <b>UniProt ID</b>      | P40313                                                                         |

### SDS-PAGE



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