



# Recombinant Human Collectin-11 (COLEC11)

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| <b>Product Code</b>      | CSB-MP861154HU   |
| <b>Relevance</b>         | Lectin that binds to various sugars including fucose and mannose. Has a higher affinity for fucose compared to mannose. Does not bind to glucose, N-acetylglucosamine and N-acetylgalactosamine. Also binds lipopolysaccharides (LPS). Involved in fundamental development serving as a guidance cue for neural crest cell migration |
| <b>Abbreviation</b>      | Recombinant Human COLEC11 protein  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.  |
| <b>Uniprot No.</b>       | Q9BWP8   |
| <b>Alias</b>             | Collectin kidney protein 1 Short name:CL-K1  |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.  |
| <b>Sequence</b>          | QPAGDDACSVQILVPGLKGDAGEKGDKGAPGRPGRVGPPTGEKGDMDKGG<br>KGSVGRHGKIGPIGSKGEKGDSDIGPPGPNGEPLPCECSQLRKAIGEMDN<br>QVSQLTSELKFIKNAVAGVRETESKIYLLVKEEKRYADAQLSCQGRGGTLSMP<br>KDEAANGLMAAYLAQAGLARVFIGINDLEKEGAFVYSDHSPMRTFNKWRSGE<br>PNNAYDEEDCVEMVASGGWNDVACHTTMYFMCEFDKENM   |
| <b>Research Area</b>     | Cell Biology   |
| <b>Source</b>            | Mammalian cell   |
| <b>Target Names</b>      | COLEC11  |
| <b>Protein Names</b>     | Recommended name: Collectin-11 Alternative name(s): Collectin kidney protein 1 Short name= CL-K1   |
| <b>Expression Region</b> | 26-271aa   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | N-terminal 10xHis-tagged and C-terminal Myc-tagged   |
| <b>Mol. Weight</b>       | 30.1kDa  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Image</b>             |  |

