

# Recombinant Human CHRDL1, GST-tagged

**Cat. No.** CHRDL1-11202H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CHRDL1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 107-456a.a.                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | This gene encodes an antagonist of bone morphogenetic protein 4. The encoded protein may play a role in topographic retinotectal projection and in the regulation of retinal angiogenesis in response to hypoxia. Alternatively spliced transcript variants encoding different isoforms have been described. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.                                                                                                                                            |

## GENE INFORMATION

|                        |                                        |
|------------------------|----------------------------------------|
| <b>Gene Name</b>       | CHRDL1 chordin-like 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | CHRDL1                                 |

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|                            |                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | CHRD1; chordin-like 1; chordin-like protein 1; CHL; NRLN1; neuralin 1; neuralin-1; ventroptin; neurogenesis-1; VOPT; dA141H5.1;                       |
| <b>Gene ID</b>             | <a href="#">91851</a>                                                                                                                                 |
| <b>mRNA Refseq</b>         | <a href="#">NM_001143981</a>                                                                                                                          |
| <b>Protein Refseq</b>      | <a href="#">NP_001137453</a>                                                                                                                          |
| <b>MIM</b>                 | <a href="#">300350</a>                                                                                                                                |
| <b>UniProt ID</b>          | <a href="#">Q9BU40</a>                                                                                                                                |
| <b>Chromosome Location</b> | Xq23                                                                                                                                                  |
| <b>Pathway</b>             | BMP receptor signaling, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by BMP, organism-specific biosystem; |

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