

# Recombinant Full Length Human HYLS1 Protein, GST-tagged

**Cat. No.** HYLS1-5732HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human HYLS1 full-length ORF ( NP_659451.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 299 amino acids                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | This gene encodes a protein localized to the cytoplasm. Mutations in this gene are associated with hydrolethalus syndrome. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]                                                                                       |
| <b>Molecular Mass</b>   | 60.8 kDa                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MEELLPDGQIWANMDPEERMLAAATAFTHICAGQGEGDVRREAQSIQYDPYSKASV<br>APGKRPALPVQLQYPHVESNVPSETVSEASQRLRKPMKRKVLRRKPDGEVLVTDE<br>SIISESESGTENDQDLWDLRQRLMNVQFQEDKESSFDVSQKFNLPEYQGISQDQLI<br>CSLQREGMGSPAYEQDLIVASRPKSFILPKLDQLSRNRGKTDVRVARYFEYKRDWDSI<br>RLPGEDHRKELRWGVREQMLCRAEPQSKPQHIYVPNNYLVPTTEKKRSALRWGVRC<br>DLANGVIPRKLPFPLSPS |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                  |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HYLS1 HYLS1, centriolar and ciliogenesis associated [ Homo sapiens (human) ]                                                                                                                                                     |
| <b>Official Symbol</b> | HYLS1                                                                                                                                                                                                                            |
| <b>Synonyms</b>        | HYLS1; HYLS1, centriolar and ciliogenesis associated; HYLS1, Centriolar And Ciliogenesis Associated; Hydrolethalus Syndrome 1; HLS; Hydrolethalus Syndrome Protein 1; hydrolethalus syndrome protein 1; hydrolethalus syndrome 1 |
| <b>Gene ID</b>         | 219844                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_001134793                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_001128265                                                                                                                                                                                                                     |
| <b>MIM</b>             | 610693                                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | Q96M11                                                                                                                                                                                                                           |

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