

# Recombinant Human FIGLA Protein, MYC/DDK-tagged

**Cat. No.** FIGLA-2230H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human FIGLA protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a protein that functions in postnatal oocyte-specific gene expression. The protein is a basic helix-loop-helix transcription factor that regulates multiple oocyte-specific genes, including genes involved in folliculogenesis and those that encode the zona pellucida. Mutations in this gene cause premature ovarian failure type 6. [provided by RefSeq, Sep 2009]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 23.9 kDa                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                           |

## GENE INFORMATION

|                  |                                                                            |
|------------------|----------------------------------------------------------------------------|
| <b>Gene Name</b> | FIGLA folliculogenesis specific bHLH transcription factor [ Homo sapiens ] |
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|                        |                        |
|------------------------|------------------------|
| <b>Official Symbol</b> | FIGLA                  |
| <b>Synonyms</b>        | BHLHC8; FIGALPHA; POF6 |
| <b>Gene ID</b>         | 344018                 |
| <b>mRNA Refseq</b>     | NM_001004311.3         |
| <b>Protein Refseq</b>  | NP_001004311.2         |
| <b>MIM</b>             | 608697                 |
| <b>UniProt ID</b>      | Q6QHK4                 |

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