

## Human GRSF1 Knockdown Cell Lysate

**Cat. No.** GRSF1-186HKCL    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | WB-validated GRSF1 Knockdown HeLa Cell Lysate                                                                                                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HeLa                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The protein encoded by this gene is a cellular protein that binds RNAs containing the G-rich element. The protein is localized in the cytoplasm, and has been shown to stimulate translation of viral mRNAs in vitro. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Form</b>             | Cell-Tissue Lysis buffer                                                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 53 kDa                                                                                                                                                                                                                                                                                                        |
| <b>Notes</b>            | Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.                              |
| <b>Storage</b>          | Store at -20 centigrade for two years.                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | Lot-specific                                                                                                                                                                                                                                                                                                  |
| <b>Shipping</b>         | Blue Ice                                                                                                                                                                                                                                                                                                      |

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|                         |                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------|
| <b>Components</b>       | 1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GRSF1 KD HeLa cell lysate          |
| <b>Lysate QC</b>        | RT-qPCR; Western Blotting (WB)                                                           |
| <b>GENE INFORMATION</b> |                                                                                          |
| <b>Gene Name</b>        | GRSF1 G-rich RNA sequence binding factor 1 [ Homo sapiens (human) ]                      |
| <b>Official Symbol</b>  | GRSF1                                                                                    |
| <b>Synonyms</b>         | GRSF1; G-rich RNA sequence binding factor 1; G-rich sequence factor 1; GRSF-1; FLJ13125; |
| <b>Gene ID</b>          | 2926                                                                                     |
| <b>mRNA Refseq</b>      | NM_001098477                                                                             |
| <b>Protein Refseq</b>   | NP_001091947                                                                             |
| <b>MIM</b>              | 604851                                                                                   |
| <b>UniProt ID</b>       | Q12849                                                                                   |

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