



# Recombinant Human G-rich sequence factor 1 (GRSF1)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| <b>Product Code</b>      | CSB-YP615535HU                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Abbreviation</b>      | GRSF1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q12849                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Sequence</b>          | SQE SKTTYLEDLP PPPEYELAPS KLEEEVDDVF LIRAQGLPWS<br>CTMEDVLNFF SDCRIRNGEN GIHFLNDRDG KRRGDALIEE ESEQDVQKAL<br>EKHRMYMGQR YVEVYEINNE DVDALMKSLQ VKSSPVVNDG VVRLRGLPYS<br>CNEKDIVDFE AGLNIVDITF VMDYRGRRTK GEAYVQFEED EMANQALLKH<br>REEIGNRYIE IFPSRRNEVR THVGSYKGGK IASFTAKYI TEPEMVFEED<br>EVNEDIQPMF AFESEKEIEL PKEVPEKLPE AADFGTTSSL HFVHMRGLPF<br>QANAQDIINF FAPLKPVRIT MEYSSSGKAT GEADVHFETH EDAVAAMLKD<br>RSHVHHRYIE LFLNSCPKGG |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | GRSF1                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Names</b>     | Recommended name: G-rich sequence factor 1 Short name= GRSF-1                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Expression Region</b> | 118-480                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Target Details</b>    | This protein 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>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                         |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients,                                                                                                                                                                                                                                                                                                                                                       |



storage temperature and the stability of the protein itself.

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