

# Recombinant Full Length Human GRHL1 Protein, GST-tagged

**Cat. No.** GRHL1-5611HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GRHL1 full-length ORF ( AAH67519.1, 1 a.a. - 618 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>    | 618 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | This gene encodes a member of the grainyhead family of transcription factors. The encoded protein can exist as a homodimer or can form heterodimers with sister-of-mammalian grainyhead or brother-of-mammalian grainyhead. This protein functions as a transcription factor during development. [provided by RefSeq                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 96.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MTQEYDNKRPLVLQNEALYPQRRSYTSEDEAWKSFLENPLTAATKAMMSINGDED<br>SAAALGLLYDYYKVPRRRSSSTAKPEVEHPEPDHNSKRSIPIVTEQPLISAGENRVQV<br>LKNVPFNIVLPHGNQLGIDKRGHLTAPDTTVTVSIATMPTHSIKTETQPHGFAVGIPPA<br>VYHPEPTERVVVFDRLNNTDQFSSGAQAPNAQRRTPDSTFSETFKEGVQEVFFPSD<br>LSLRMPGMNSEDYVFDSVSGNNEFYTLASKSLRQKPGDSTMTYLNKGQFYPTLK<br>EVSSSEGIHHPISKVRSVIMVFAEDKSREDQLRHWKYWHSRQHTAKQRCIDIADYK<br>ESFNTISNVEEIAYNASFTWDINDEAKVFISVNCLSTDFSSQKGVKGLPLNIQIDTYSY<br>NNRSNKPVHRAYCQIKVFCDKGAERKIRDEERKQSKRKVSDVKVPLLP SHKRMDITV<br>FKPFIDLDTQPVLFPDVHVFANLQRGTHVLPPIASEELEGESVLKRGPGYGTEDDFAVP |

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PSTKLARIEEPKRVLLYVRKESEEVFDALMLKTPSLKGLMEAISDKYDVPHDKIGKIFK  
KCKKGILVNMDNIVKHYSNEDTFQLQIEEAGGSYKLTLEI

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

GRHL1 grainyhead-like 1 (Drosophila) [ Homo sapiens ]

**Official Symbol**

GRHL1

**Synonyms**

GRHL1; grainyhead-like 1 (Drosophila); TF2CP2L2, transcription factor CP2 like 2; grainyhead-like protein 1 homolog; LBP 32; MGR; LBP protein 32; mammalian grainyhead; transcription factor LBP-32; transcription factor CP2-like 2; NH32; LBP32; TF2CP2L2;

**Gene ID**

29841

**mRNA Refseq**

NM\_198182

**Protein Refseq**

NP\_937825

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| MIM | 609786 |
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| UniProt ID | Q9NZI5 |
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