

Recombinant Full Length Human GRHL2 Protein, GST-tagged

Cat. No. GRHL2-5612HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GRHL2 full-length ORF (NP_079191.1, 1 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	625 amino acids
Description	The protein encoded by this gene is a transcription factor that can act as a homodimer or as a heterodimer with either GRHL1 or GRHL3. Defects in this gene are a cause of non-syndromic sensorineural deafness autosomal dominant type 28 (DFNA28)
Molecular Mass	97.5 kDa
AA Sequence	MSQESDNNKRLVALVPMPDPPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSING DEDSAAALGLLYDYKVPDRKRLLSVSKASDSQEDQEKRNCLGTSEAQSNLSGGEN RVQVLKTVPVNLSLNQDHLENSKREQYSISFPESSAIIPVSGITVVKAEFTPVFMAP PVHYPRGDGEEQRVWIFEQTQYDVPSLATHSAYLKDDQRSTPDSTYSESFKDAATE KFRSASVGAEEYMYDQTSSGTFQYTLKATSLRQKQEGPMTYLNKGQFYAITLSE TGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWSRQHTAKQRVLDIADY KESFNTIGNIEEIAYNVAVSFTWDVNVEEAKIFITVNCLSTDFSSQKGVKGLPLMIQIDTYS YNNRSNKPIHRCYCQIKVFCDKGAERKIRDEERKQNRKKGKGQASQTQCNSSSDG KLAAIPLQKSDITYFKTMPDLHSQPVLFIQDVHVFANLQRTGQVYYNTDDEREKGSVL

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VKRMFRPMEEFPGVPSKQMKEEGTKRVLLYVRKETDDVFDALMLKSPTVKGLME
AISEKYGLPVEKIAKLYKKS KKGILVNMDNIIHYSNEDTFILNMESMVEGFKVTLMEI

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

GRHL2 grainyhead-like 2 (Drosophila) [Homo sapiens]

Official Symbol

GRHL2

Synonyms

GRHL2; grainyhead-like 2 (Drosophila); deafness, autosomal dominant 28, DFNA28, TFCP2L3, transcription factor CP2 like 3; grainyhead-like protein 2 homolog; BOM; FLJ13782; brother of mammalian grainyhead; transcription factor CP2-like 3; DFNA28; TFCP2L3; FLJ11172; MGC149294; MGC149295;

Gene ID

79977

mRNA Refseq

NM_024915

Protein Refseq

NP_079191

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MIM	608576
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UniProt ID	Q6ISB3
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