

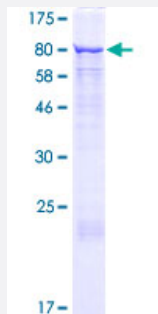
Full-Length

GRHL2 (Human) Recombinant Protein (P01)

Catalog # H00079977-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GRHL2 full-length ORF (NP_079191.1, 1 a.a. - 625 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSQESDNNKRLVALVPMPDPPFNTRRAYTSEDEAWKSYLENPLTAATKAMMSINGDEDSAAAL
GLLYDYYKVPRDKRLLSVSKASDSQEDQEKRNCLGTSEAQSNLSGGENRVQVLKTPVNLSLNQ
DHLENSKREQYSISFPESAIIPVSGITVKAEDFTPVFMAPPVHYPRGDGEEQRVVIFEQTQYDVP
SLATHSAYLKDDQRSTPDSTYSESFKDAATEKFRSASVGAEEMYDQTSSGTFQYTLKSLRQ
KQGEPMTYLNKGQFYAITLSETGDNKCFRHPISKVRSVVMVVFSEDKNRDEQLKYWKYWHSRQ
HTAKQRVLDIADYKESFNTIGNIEEIAYNVASFWDVNEEAKIFITVNCCLSTDFSSQKGVKGLPLMIQI
DTYSYNNRSNKPIHRAYCQIKVFCDKGAERKIRDEERKQNRKKGKGQASQTQCNSSSDGKLAAP
LQKKS DITYFKTMPDLHSQPVLFI PDVHFANLQRTGQVYNTDDEREGGSVLVKRMFRPMEEEFG
PVPSKQMKEEGTKRVLLYVRKETDDVFDALMLKSPTVKGLMEASEKYGLPVEKIAKLYKSKKGI
LVNMDDNIEHYSNEDTFILNMESMVEGFKVTLMEI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

97.5

Interspecies Antigen Sequence

Mouse (94); Rat (94)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — GRHL2

Entrez GeneID	79977
GeneBank Accession#	NM_024915.1
Protein Accession#	NP_079191.1
Gene Name	GRHL2
Gene Alias	BOM, DFNA28, FLJ11172, FLJ13782, MGC149294, MGC149295, TFCP2L3
Gene Description	grainyhead-like 2 (Drosophila)
Omim ID	608576 608641
Gene Ontology	Hyperlink
Gene Summary	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)
Other Designations	transcription factor CP2-like 3

Disease

- [Genetic Predisposition to Disease](#)
- [Presbycusis](#)
- [Tobacco Use Disorder](#)