

# Recombinant Human VGLL4 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** VGLL4-4520H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | VGLL4 MS Standard C13 and N15-labeled recombinant protein (NP_001121691) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | VGLL4 (Vestigial Like Family Member 4) is a Protein Coding gene. Diseases associated with VGLL4 include Meningioma, Familial and Wilson-Turner X-Linked Mental Retardation Syndrome.                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 31.7 kDa                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MLFMKMDLLNYQYLDKMNNNIGILCYEGEAALRGEPRMQTLPVASALSSHRTGPPPI<br>SPSKRKFSMEPGDEDLDCDNDHVS KM SRIFNPHLNKTANGDCRRDPRERSRSPIER<br>AVAPTMSLHGSHLYTSLPSLGLEQPLALTKNSLDASRPAGLSPTLTPGERQQNRPSV<br>ITCASAGARN CNLSHCPIAHSGCAAPGPASYRRPPSAATTCDPVVEEHFRRSLGKN<br>YKEPEPAPNSVSITGSVDDHFAKALGDTWLQIKAAKD GASS SPESASRRGQPASPS<br>AHMVSHSHSPSVVSTRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                      |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.                                                                                                                                                                                                                                                                       |

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|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                               |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                     |

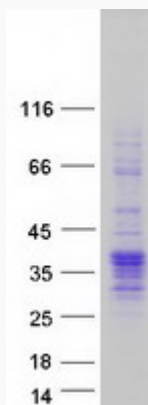
## GENE INFORMATION

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | VGLL4 vestigial like family member 4 [ Homo sapiens (human) ]                                                             |
| <b>Official Symbol</b> | VGLL4                                                                                                                     |
| <b>Synonyms</b>        | VGLL4; vestigial like 4 (Drosophila); transcription cofactor vestigial-like protein 4; KIAA0121; Vestigial-like 4; VGL-4; |
| <b>Gene ID</b>         | 9686                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001128219                                                                                                              |
| <b>Protein Refseq</b>  | NP_001121691                                                                                                              |
| <b>MIM</b>             | 618692                                                                                                                    |
| <b>UniProt ID</b>      | Q14135                                                                                                                    |

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**SDS-PAGE**

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