

# Recombinant Human ALX3 protein, GST-tagged

**Cat. No.** ALX3-511H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ALX3 protein(NP_006483)(1-152 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 1-152 aa                                                                                                                                                                                                                               |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization. |
| <b>AA Sequence</b>      | MDPEHCAPFRVGPAPGPYVASGDEPPGPQGTPAAAPHLHPAPPRGPRLTRFPACG<br>PLEPYLPEPAKPPAKYLQDLGPGPALNGGHFYEGPAEAEKTSKAASFPQLPLDCR<br>GGPRDGPSNLQGSPGPCLASLHLPLSPGLPDSMELAKNKS                                                                         |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                               |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.   |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.                                                                                                                                                              |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).

Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

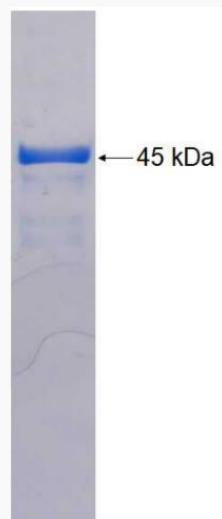
## GENE INFORMATION

|                 |                                                                                                                                                                                       |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | ALX3 ALX homeobox 3 [ Homo sapiens ]                                                                                                                                                  |
| Official Symbol | ALX3                                                                                                                                                                                  |
| Synonyms        | ALX3; ALX homeobox 3; aristaless like homeobox 3; homeobox protein aristaless-like 3; aristaless-like homeobox 3; proline-rich transcription factor ALX3; FND1; MGC138212; MGC141988; |
| Gene ID         | 257                                                                                                                                                                                   |
| mRNA Refseq     | NM_006492                                                                                                                                                                             |
| Protein Refseq  | NP_006483                                                                                                                                                                             |
| MIM             | 606014                                                                                                                                                                                |
| UniProt ID      | O95076                                                                                                                                                                                |

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**SDS-PAGE**

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