

# Recombinant Full Length Human EPHA10 Protein, GST-tagged

**Cat. No.** EPHA10-4314HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EPHA10 full-length ORF ( AAH67734.1, 1 a.a. - 295 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>    | 295 amino acids                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Ephrin receptors, the largest subfamily of receptor tyrosine kinases (RTKs), and their ephrin ligands are important mediators of cell-cell communication regulating cell attachment, shape, and mobility in neuronal and epithelial cells (Aasheim et al., 2005 [PubMed 15777695]). See MIM 179610 for additional background on Eph receptors and ephrins.[supplied by OMIM, Mar 2008] |
| <b>Molecular Mass</b>   | 58.5 kDa                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | METCAGPHPLRLFLCRMQLCLALLLGPWRPGTAEVILLDSKASQAELGWTALPSN<br>GWEEISGVDEHDRPIRTYQVCNVLEPNQDNWLQTGWISRGRGQRIFVELQFTLRDC<br>SSIPGAAGTCKETFNYYYLETEADLGRGRPRLGGSRPRKIDTIAADESFTQGDLGER<br>KMKLNTEVREIGPLSRRGFHLAFQDVGACVALVSVRVYYKQCRATVRGLATFPATA<br>AESAFSTLVEVAGTCVAHSEGEPPGSPPRMHCGADGEWLVPVGRSCSCSAGFQERG<br>DFCEGIQLAGGRGVGV                                                           |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                    |

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|-----------------------|----------------------------------------------------------------------------|
|                       | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.     |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.   |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |

## GENE INFORMATION

|                        |                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | EPHA10 EPH receptor A10 [ Homo sapiens ]                                                            |
| <b>Official Symbol</b> | EPHA10                                                                                              |
| <b>Synonyms</b>        | EPHA10; EPH receptor A10; ephrin type-A receptor 10; FLJ16103; FLJ33655; EphA10s protein; MGC43817; |
| <b>Gene ID</b>         | 284656                                                                                              |
| <b>mRNA Refseq</b>     | NM_001099439                                                                                        |
| <b>Protein Refseq</b>  | NP_001092909                                                                                        |
| <b>MIM</b>             | 611123                                                                                              |
| <b>UniProt ID</b>      | Q5JZY3                                                                                              |

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