

# Recombinant Full Length Human EPHA7 Protein, GST-tagged

**Cat. No.** EPHA7-4347HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human EPHA7 full-length ORF ( AAH27940.1, 1 a.a. - 279 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>    | 279 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Increased expression of this gene is associated with multiple forms of carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013] |
| <b>Molecular Mass</b>   | 56.32 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MVFQTRYPSWILCYIWLLRFAHTGEAQAAKEVLLLD SKAQQTELEWISSPPNGWEEI<br>SGLDENYTPITYQVCQVMEPNQNNWLRTNWISKGNAQRIFVELKFTLRDCNSLPG<br>VLGTCKETFNLYYYETDYDTGRNVRENLYVKIDTIAADESFTQGD LGERKMKLNTEV<br>REIGPLSKKGFYLA FQDVGACIALVSVKVYYKKCWSIIENLAIFPDTVTGSEFSSLVEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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RGTCVSSAEEEEAENAPRMHCSAEGEWLVPIGKCICKAGYQQKGDTCCECK

**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**

[EPHA7 EPH receptor A7 \[ Homo sapiens \]](#)

**Official Symbol**

[EPHA7](#)

**Synonyms**

EPHA7; EPH receptor A7; EphA7; ephrin type-A receptor 7; Hek11; EK11; EHK-3; EPH-like kinase 11; EPH homology kinase 3; Eph homology kinase-3; receptor protein-tyrosine kinase HEK11; tyrosine-protein kinase receptor EHK-3; EHK3; HEK11;

**Gene ID**

[2045](#)

**mRNA Refseq**

[NM\\_004440](#)

**Protein Refseq**

[NP\\_004431](#)

**MIM**

[602190](#)

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UniProt ID

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