

Recombinant Full Length Human EPHA7 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human EPHA7 full-length ORF (AAH27940.1, 1 a.a. - 279 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	279 amino acids
Description	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]
Molecular Mass	56.32 kDa
AA Sequence	MVFQTRYPSWILCYIWLLRFAHTGEAQAAKEVLLLD SKAQQTELEWISSPPNGWEEI SGLDENYTPITYQVCQVMEPNQNNWLRTNWISKGNAQRIFVELKFTLRDCNSLPG VLGTCKETFNLYYYETDYDTGRNVRENLYVKIDTIAADESFTQGD LGERKMKLNTEV REIGPLSKKGFYLA FQDVGACIALVSVKVVYKKCWSIIENLAIFPDTVTGSEFSSLVEV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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