

## Product datasheet for **TP726815**

### Eph receptor A7 (EPHA7) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Ephrin A Receptor 7/EphA7 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln28-Ile556
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH7.4.
Note:	Recombinant Human Ephrin Type-A Receptor 7 is produced by our Mammalian expression system and the target gene encoding Gln28-Ile556 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	2045
UniProt ID:	<a href="#">Q15375</a>
Synonyms:	Ephrin Type-A Receptor 7; EPH Homology Kinase 3; EHK-3; EPH-Like Kinase 11; EK11; hEK11; EPHA7; EHK3; HEK11
Summary:	Ephrin Type-A Receptor 7 (EPHA7) is a single-pass type I membrane protein which belongs to the Eph family of transmembrane receptor tyrosine kinases. It contains two fibronectin type-III domains, one protein kinase domain and one SAM (sterile alpha motif) domain. EPHA7 is a receptor for members of the ephrin-A family. Eph receptors are largely expressed throughout the ectoderm, mesoderm, and endoderm of vertebrate embryos. EPHA7 functions as a repulsive guidance molecule during the targeting of retinal axons to the superior colliculus and of neocortical axons to the thalamus. EPHA7 is expressed at a substantial level in most human lung cancers. The high expression of EPHA7 protein may participate in the malignancy transformation, invasion progression and metastasis of primary hepatocellular carcinoma. EPHA7 may involve in smoking related lung carcinogenesis.
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane



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Protein Pathways: Axon guidance