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Datasheet for ABIN6699793

## EPH Receptor A8 Protein (EPHA8) (GST tag)

### Overview

Quantity:	20 µg
Target:	EPH Receptor A8 (EPHA8)
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPH Receptor A8 protein is labelled with GST tag.
Application:	Western Blotting (WB)

### Product Details

Purpose:	EPHA8 recombinant protein-GST fusion protein
Purification:	Recombinant human EPHA8 (565-end) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >90% by densitometry.
Purity:	>90%

### Target Details

Target:	EPH Receptor A8 (EPHA8)
Alternative Name:	EPHA8 ( <a href="#">EPHA8 Products</a> )
Background:	Synonyms: EEK, HEK3, KIAA1459, Ephrin type-A receptor 8, EPH- and ELK-related kinase, EPH-like kinase 3, Tyrosine-protein kinase receptor EEK Background: EPHA8 is a member of the ephrin receptor subfamily of the protein-tyrosine kinase

## Target Details

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family in which 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 (1). EPHA8 receptors play a role in axonal pathfinding during development of the mammalian nervous system (2). EPHA8 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Angiogenesis, Cancer, Cardiovascular Disease, Neurobiology, and Receptor Tyrosine Kinases research.

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NCBI Accession: [NM\\_020526](#)

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Pathways: [RTK Signaling](#)

## Application Details

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Application Notes: Western\_Blot\_Dilution: User Optimized  
Application\_Note: EPHA8 Protein is suitable for use in Western Blot. Expect a band approximately ~ 82 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 0.1 µg/µL

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Buffer: EPHA8 Protein is stored in 50 mM Tris-HCl, pH 7.5, 50 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 0.1 mM PMSF, 25 % glycerol.

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Storage: -80 °C

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Storage Comment: Store product at -70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

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Expiry Date: 12 months