

## EPHA1 recombinant protein

EPHA1, Active

|                              |                                 |                                     |
|------------------------------|---------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA73511</b> | HOST<br><b>Sf9 insect cells</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|---------------------------------|-------------------------------------|

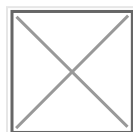
### PRODUCT SYNONYMS

EPHA1; Active; EPH; EPHT; EPHT1; EPHA1 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                                                                                                                                                                |
|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                  | Sf9 insect cells                                                                                                                                                                                                                               |
| Form/Format                                           | Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.                                                                                                            |
| Applicable Applications for EPHA1 recombinant protein | WB (Western Blot), Kinase Assay                                                                                                                                                                                                                |
| Tag                                                   | GST                                                                                                                                                                                                                                            |
| Species                                               | Human                                                                                                                                                                                                                                          |
| Dry Ice Note                                          | The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.                                                                                                                                             |
| Preparation and Storage                               | Store product at -70 degree 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. |

### IMAGES



#### SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



#### Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for EPHA1 recombinant protein | <p>Recombinant human EPHA1 (613-892) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005232.</p> <p>EPHA1 is a member of the Ephfamily of receptor tyrosine kinases that have been implicated in mediating developmental events, particularly in the nervous system (1). Receptors in the Ephsubfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. EPHA1 seems to be a marker of the differentiated normal epidermis and its downregulation in nonmelanoma skin cancer may contribute to carcinogenesis of these very frequent human tumors. EPHA1 represents a new potential prognostic marker and therapeutic target in nonmelanoma skin cancer (2).</p> |
| Product Categories/Family for EPHA1 recombinant protein   | <a href="#">Protein Kinases</a> ; <a href="#">Angiogenesis</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular Disease</a> ; <a href="#">Neurobiology</a> ; <a href="#">Receptor Tyrosine Kinases</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| References                                                | <p>1. Kullander, K. et al: Mechanisms and functions of EphA2 ephrin signalling. Nat Rev Mol Cell Biol. 2002 Jul;3(7):475-86.</p> <p>2. Hafner, C. et al: Expression profile of Eph receptors and ephrin ligands in human skin and downregulation of EphA1 in nonmelanoma skin cancer. Mod Pathol. 2006 Oct;19(10):1369-77.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                           |           |
|---------------------------|-----------|
| NCBI GenBank Nucleotide # | NM_005232 |
| Molecular Weight          | ~55kDa    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/epha1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73511>