

Recombinant human Eph receptor A3 protein ab84576

[5 Images](#)

Description

Product name	Recombinant human Eph receptor A3 protein
Biological activity	Specific activity of Eph receptor A3 was determined to be 102 nmol/min/mg as per activity assay protocol.
Purity	> 90 % SDS-PAGE. Purity was determined to be >90% by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Amino acids	571 to 983

Specifications

Our **Abpromise guarantee** covers the use of **ab84576** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

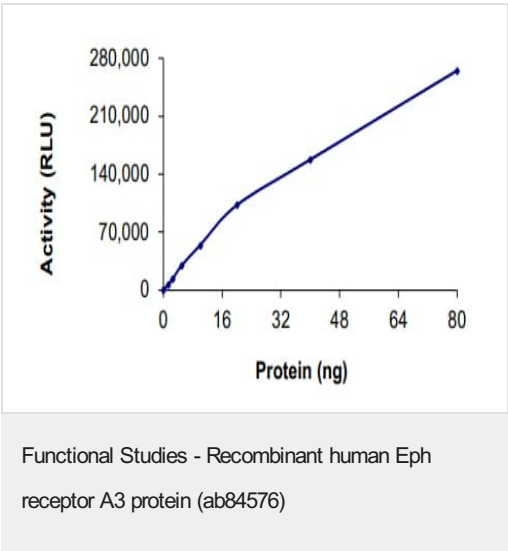
Applications	Western blot Functional Studies SDS-PAGE
Form	Liquid
Additional notes	ab204877 (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

Preparation and Storage

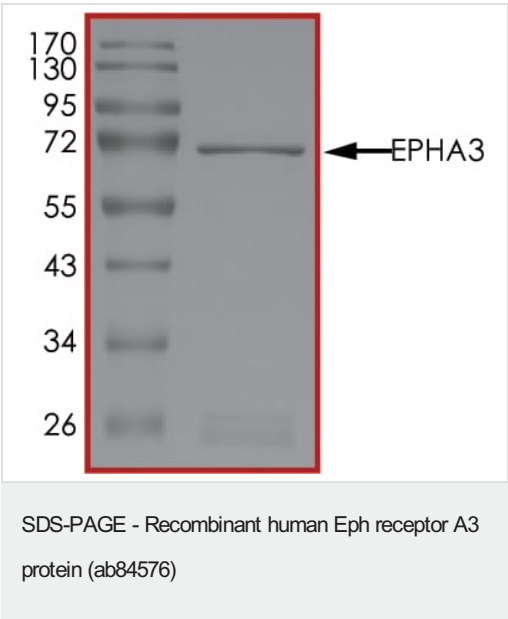
Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol (glycerin, glycerine), 0.87% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info	
Function	Receptor for members of the ephrin-A family. Binds to ephrin-A2, -A3, -A4 and -A5. Could play a role in lymphoid function.
Tissue specificity	Widely expressed. Highest level in placenta.
Involvement in disease	Defects in EPHA3 may be a cause of colorectal cancer (CRC) [MIM:114500].
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily. Contains 2 fibronectin type-III domains. Contains 1 protein kinase domain. Contains 1 SAM (sterile alpha motif) domain.
Cellular localization	Secreted and Cell membrane.

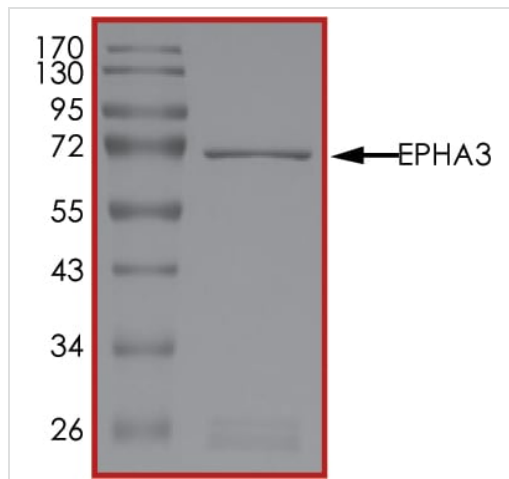
Images



The specific activity of Eph receptor A3 (ab84576) was determined to be 19.8 nmol/min/mg as per activity assay protocol and was equivalent to 110 nmol/min/mg as per radiometric assay

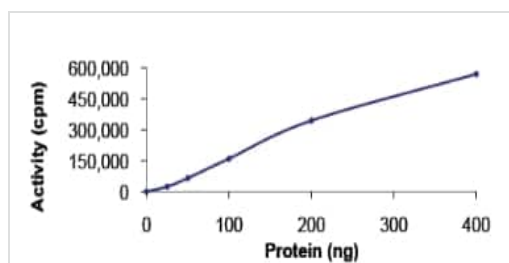


SDS PAGE analysis of ab84576



SDS PAGE analysis of ab84576

SDS-PAGE - Recombinant human Eph receptor A3 protein (ab84576)



Specific activity of Eph receptor A3 was determined to be 102 nmol/min/mg as per activity assay protocol.

Functional Studies - Recombinant human Eph receptor A3 protein (ab84576)



Purity of Eph receptor A3 was determined to be >90% by densitometry, approx. MW 72kDa.

SDS-PAGE - Recombinant human Eph receptor A3 protein (ab84576)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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