

Datasheet for ABIN7320512

**Ephrin A1 Protein (EFNA1) (His tag,Fc Tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	50 µg
Target:	Ephrin A1 (EFNA1)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Ephrin A1 protein is labelled with His tag,Fc Tag.

## Product Details

Purpose:	Recombinant Mouse Ephrin-A1/EFNA1 Protein (Fc & His Tag)(Active)
Sequence:	Asp19-Ser182
Characteristics:	Recombinant Mouse Ephrin-A1 is produced by our Mammalian expression system and the target gene encoding Asp19-Ser182 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human EphA2-His(Cat: PKSH032009) at 0.5µg/ml(100 µl/well) can bind Human EFNA1-Fc. The ED50 of Human EFNA1-Fc is 12ug/ml.

## Target Details

Target:	Ephrin A1 (EFNA1)
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## Target Details

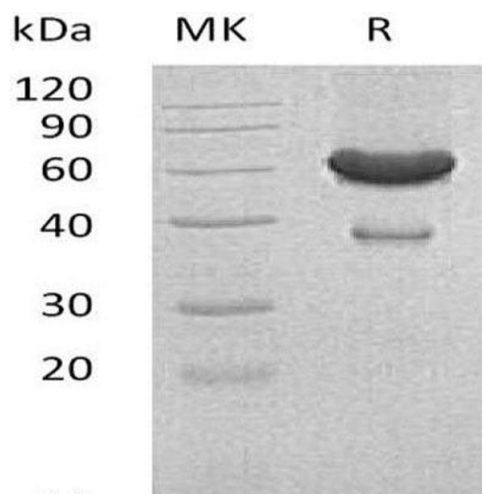
Alternative Name:	Ephrin-A1/EFNA1 ( <a href="#">EFNA1 Products</a> )
Background:	<p>Background: Ephrin-A1 is a cell membrane protein and contains 1 ephrin RBD (ephrin receptor-binding) domain. EFNA1 belongs to the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. It belongs to the ephrin family and contains 1 ephrin RBD (ephrin receptor-binding) domain.</p> <p>Synonym: EPH-related receptor tyrosine kinase ligand 1, Immediate early response protein B61, Epgl1, Epl1, Lerk1</p>
Molecular Weight:	47.3 kDa
UniProt:	<a href="#">P52793</a>
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C, -20 °C, -80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



Western Blotting

Image 1.