

Datasheet for ABIN7320515

**Ephrin A5 Protein (EFNA5) (His tag)****1** Image[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	Ephrin A5 (EFNA5)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Ephrin A5 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse Ephrin-A5/EFNA5 Protein (His Tag)(Active)
Sequence:	Gln21-Gln206
Characteristics:	Recombinant Mouse Ephrin-A5 is produced by our Mammalian expression system and the target gene encoding Gln21-Gln206 is expressed with a 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 EphA8-Fc(Cat: PKSH032386) at 1.5µg/ml(100 µl/well) can bind Human EFNA5-His. The ED50 of EFNA5-His is 12.63ug/ml .

## Target Details

Target:	Ephrin A5 (EFNA5)
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## Target Details

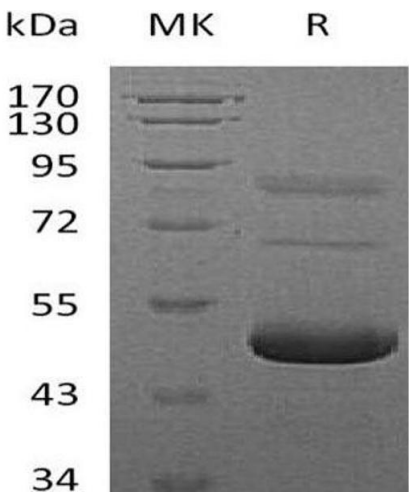
Alternative Name:	Ephrin-A5/EFNA5 ( <a href="#">EFNA5 Products</a> )
Background:	<p>Background: Ephrin-A5 is a glycosylphosphatidylinositol (GPI)-anchored protein of the ephrin-A subclass of ephrin ligands that binds to the EphA subclass of Eph receptors. Ephrin-A5 has also been shown to bind to the EphB2 receptor. It is crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Ephrin-A5 binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling.</p> <p>Synonym: Ephrin-A5, AL-1, EPH-related receptor tyrosine kinase ligand 7, Epl7, Eplg7, Lerk7, Efna5,</p>
Molecular Weight:	22.5 kDa
UniProt:	<a href="#">O08543</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 20 mM PB, 150 mM NaCl, 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.