

□ Cat # RP-937

Recombinant Human Ephrin B1

Size: □ 2 ug

Ephrins are the ligands which bind to the Eph receptor subfamily, the largest group of the receptor tyrosine kinase family. Both ephrins and Eph receptors are broadly expressed through the ectoderm, mesoderm, and endoderm of vertebrate embryos. Two classes of ephrins exist: Class A ephrins are tethered to the membrane by a GPI linkage and bind primarily to EphA receptors; Class B ephrins contain a membrane-spanning region and bind predominantly to EphB receptors.

SOURCE:

Recombinant Human Ephrin B1 protein encoding a.a. 136-347 expressed in *E.coli*. On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 47 kDa. Recombinant Human Ephrin B1 protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

APPLICATION AND SUGGESTED DILUTIONS:

ELISA, · Inhibition Assays, · Western Blotting

STORAGE & STABILITY:

Store vial at -20⁰C to -80⁰C. When stored at the recommended temperature, this protein is stable for 12 months. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4oC for ~1 week or aliquots in suitable size and store at -20oC for long term storage..

Usage:

This item is for LABORATORY ESEARCH USE ONLY.

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