

Recombinant Zebrafish efnb2a Protein, His-tagged

Cat. No. efnb2a-897Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish efnb2a Protein (Leu25-Asn193) with His tag was expressed in E. coli.
Species	Zebrafish
Source	E.coli
ProteinLength	Leu25-Asn193
Description	Predicted to enable ephrin receptor binding activity. Acts upstream of or within several processes, including angioblast cell migration involved in selective angioblast sprouting; nervous system development; and optic vesicle morphogenesis. Predicted to be located in membrane. Predicted to be integral component of membrane. Predicted to be active in plasma membrane. Is expressed in several structures, including brain; germ ring; hindbrain neural keel; immature eye; and vasculature. Orthologous to human EFNB2 (ephrin B2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.7 kDa; Accurate Molecular Mass: 23 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	efnb2a ephrin-B2a [Danio rerio (zebrafish)]
Official Symbol	efnb2a
Synonyms	efnb2a; ephrin-B2a; efnb2; id:ibd5072; ephrin-B2a
Gene ID	30219
mRNA Refseq	NM_131023
Protein Refseq	NP_571098
UniProt ID	O73874

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