Recombinant Zebrafish EFNB2A protein(Met 1-Ala222), His-tagged

Cat. No. EFNB2A-1142Z **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Zebrafish EFNB2A (O73874) (Met 1-Ala222) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Zebrafish
Source	HEK293
ProteinLength	Met 1-Ala222
Form	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized zebrafish EFNB2A-His at 10 μg/ml (100 μl/well) can bind human EphB4-Fc, The EC50 of human EphB4-Fc is 15.5-36.3 ng/ml.
Molecular Mass	The recombinant zebrafish EFNB2A consists of 209 amino acids and has a calculated molecular mass of 23.3 kDa. It migrates as an 35-40 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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