



## D. rerio EFNB2A [His] (DAG-H10046)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Species</b>	D. rerio
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Measured by its binding ability in a functional ELISA. Immobilized zebrafish EFNB2A-His at 10 µg/ml (100 µl/well) can bind human EphB4, The EC50 of human EphB4 is 15.5-36.3 ng/ml.
<b>Size</b>	100 µg, 200 µg
<b>Preservative</b>	None
<b>Storage</b>	Store it under sterile conditions at -70 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### BACKGROUND

<b>Introduction</b>	This gene encodes a member of 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 EFNB class ephrin which binds to the EPHB4 and EPHA3 receptors. [provided by RefSeq, Jul 2008]
<b>Keywords</b>	EFNB2; ephrin-B2; HTKL; EPLG5; Htk-L; LERK5; LERK-5; HTK ligand; ligand of eph-related kinase 5; eph-related receptor tyrosine kinase ligand 5;