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# 37-1210: Human EphB4 / HTK Recombinant Protein (Fc Tag)(Discontinued)

**Reactivity :** Human
**Alternative Name :** HTK Protein, MYK1 Protein, TYRO11 Protein,

## Description

**Source : HEK293 Cells**
Ephrin type-B receptor 4 is a protein that in humans is encoded by the EPHB4 gene. It is a single-pass type I membrane protein belonging to the ephrin receptor subfamily of protein kinase superfamily. Members of the ephrin and Eph family are local mediators of cell function through largely contact-dependent processes in development and in maturity. Furthermore, EphB4 protein and the corresponding ligand Ephrin-B2 contribute to tumor growth in various human tumors. EphB4 protein has tumor suppressor activities and that regulation of cell proliferation, extracellular matrix remodeling, and invasive potential are important mechanisms of tumor suppression. Therefore, Ephrin-B2/EphB4 may be recognized as a novel prognostic indicator for cancers.

## Product Info

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|---|---|
| **Amount :** | Human EphB4 / HTK Recombinant Protein (Fc Tag)(Discontinued) / 200 µg |
| **Purification :** | > 95 % as determined by SDS-PAGE |
| **Content :** | Formulation Lyophilized from sterile PBS, pH 7.4<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Storage condition :** | 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. |
| **Amino Acid :** | Met1-Ala539 |

## Application Note

Measured by its binding ability in a functional ELISA . Immobilized human EFNB2 at 2 Ã□Âµg/ml (100 Ã□ÂµL/well) can bind human EphB4-Fc with a linear ranger of 1.56-12.5 ng/ml.
Endotoxin :< 1.0 EU per Ã□Âµg of the protein as determined by the LAL method

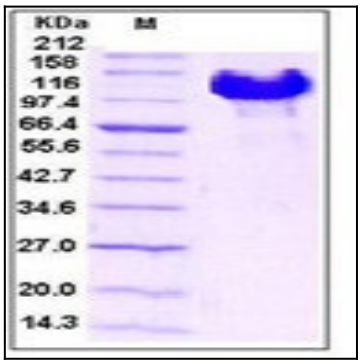


Fig 1: Human EphB4 / HTK Recombinant Protein (Fc Tag)

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