

## HUMAN EFNA3 PROTEIN, HFC TAG

**Cat.#:** 11410

**Product Name:** Human EFNA3 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** EFL2;Ehk1-L;EPLG3;LERK3;Ephrin A3

**Target:** EFNA3

**UNIPROT ID:** P52797

**Description:** Recombinant Human EFNA3 with C-terminal human Fc tag

**Background:** 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 EFNA class ephrin. [provided by RefSeq, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 47.5 kDa after removal of the signal peptide. The apparent molecular mass of EFNA3-hFc is approximately 55–70 kDa due to glycosylation.

**Molecular Characterization:** EFNA3(Gln23–Ser213) hFc(Glu99–Ala330)

**Purity:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**Storage & Shipping:** Store at –20°C to –80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at –80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

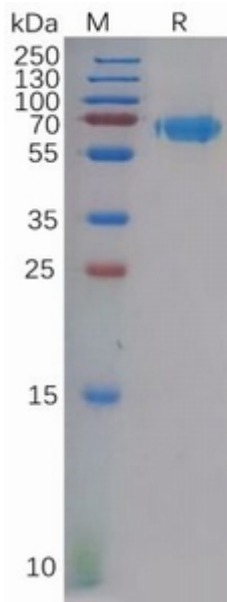


Figure 1. Human EFNA3 Protein, hFc Tag on SDS-PAGE under reducing condition.