

## HUMAN TYRO3 PROTEIN, HFC TAG

**Cat.#:** 11723

**Product Name:** Human TYRO3 Protein

**Size:** 10 µg, 50 µg and 100 µg

**Synonyms:** BYK;Dtk;Etk-2;Rek;RSE;Sky;Tif

**Target:** TYRO3

**UNIPROT ID:** Q06418

**Description:** Recombinant human TYRO3 protein with C-terminal human Fc tag

**Background:** The gene is part of a 3-member transmembrane receptor kinase receptor family with a processed pseudogene distal on chromosome 15. The encoded protein is activated by the products of the growth arrest-specific gene 6 and protein S genes and is involved in controlling cell survival and proliferation, spermatogenesis, immunoregulation and phagocytosis. The encoded protein has also been identified as a cell entry factor for Ebola and Marburg viruses. [provided by RefSeq, May 2010]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 68.31 kDa after removal of the signal peptide.

**Molecular Characterization:** TYRO3 (Ala41-Trp429) 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.