HUMAN TYRO3 PROTEIN, HIS TAG

Cat.#: 11270

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 6xHis 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 42.4 kDa after removal of the signal peptide. The apparent molecular mass of TYRO3-His is approximately 55-100 kDa due to glycosylation.

Molecular Characterization: TYRO3(Ala41-Ser428) 6×His tag

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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

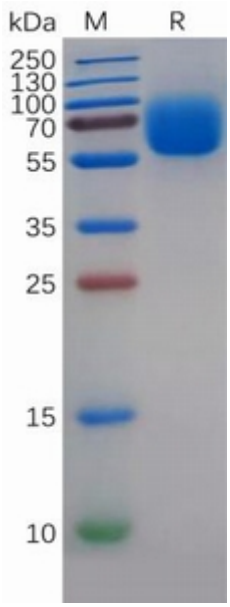

Figure 1. Human TYRO3 Protein, His Tag on SDS-PAGE under reducing condition.