HUMAN EPS8 PROTEIN, HFC TAG

Cat.#: 11642

Product Name: Human EPS8 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: DFNB102

Target: EPS8

UNIPROT ID: Q12929

Description: Recombinant human EPS8 protein with C-terminal human Fc tag

Background: This gene encodes a member of the EPS8 family. This protein contains one PH domain and one SH3 domain. It functions as part of the EGFR pathway, though its exact role has not been determined. Highly similar proteins in other organisms are involved in the transduction of signals from Ras to Rac and growth factor-mediated actin remodeling. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 115.94 kDa after removal of the signal peptide.

Molecular Characterization: EPS8(Met1-His822) 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.