PRODUCT INFORMATION

Target	EPS8
Synonyms	DFNB102
Description	Recombinant human EPS8 protein with C-terminal human Fc tag
Delivery	Under development
Uniprot ID	Q12929
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	EPS8(Met1-His822) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 115.94 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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.
Usage	Research use only
Conjugate	Unconjugated

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