Rev02
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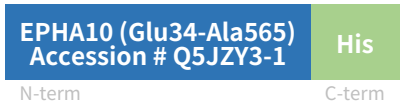
DATASHEET

EPHA10, His, Human

Cat. No.: Z05248

Product Introduction

Species	Human
Protein Construction	
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized EPHA10, His, Human at 5μg/ml (100μl/well) on the plate can bind Human/Cynomolgus EFNA3, hFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	58.8 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : EphA10 (erythropoietin-producing hepatocellular carcinoma receptor A10) is a catalytically defective receptor protein tyrosine kinase in the ephrin receptor family.EphA10 was elevated and higher in tumor tissues than in normal tissues in some cancer types, including pancreatic cancer.EphA10 silencing reduced the proliferation, migration, and adhesion of MIA PaCa-2 and AsPC-1 pancreatic cancer cells. EphA10 plays a pivotal role in the tumorigenesis of pancreatic epithelial cells and is a novel therapeutic target for pancreatic cancer.

Synonyms : EphA10; FLJ16103; FLJ33655; MGC43817

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