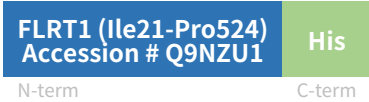


Rev02
Update: Aug,08,2025**DATASHEET**

FLRT1, His, Human

Cat. No.: Z05308

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 FLRT1, His, Human at 0.5µg/ml (100µl/well) on the plate can bind AntiFLRT1 Antibody, mFc Tag. Test result was comparable to standard batch.
Expression System	HEK293
Theoretical Molecular Weight	56.58 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 60-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22 µm 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 : Fibronectin leucine rich transmembrane (FLRT) proteins have dual properties as regulators of cell adhesion and potentiators of fibroblast growth factor (FGF) mediated signalling. FLRT1 is a target for tyrosine phosphorylation mediated by FGFR1 and implicate a non-receptor Src family kinase (SFK).

Synonyms : SPG68;

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