Product Name: Recombinant Human DDR1 (C-Fc)
Catalog #: PHH2454

Summary

Name	DDR1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Epithelial discoidin domain-containing receptor 1 is produced by our Mammalian expression system and the target gene encoding Asp21-Thr416 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q08345-1
Host	Human cells
Species	Human
Predicted Molecular Mass	70.9 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 10% Trehalose, 100mM NaCl, 0.05% Tween 80, pH 7.8.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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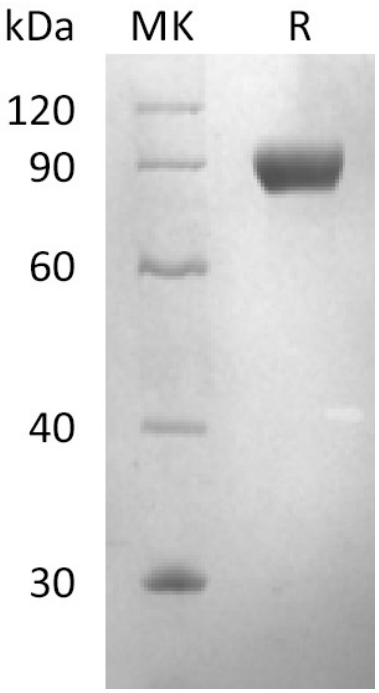

Alternative Names

Epithelial discoidin domain-containing receptor 1; Epithelial discoidin domain receptor 1; CD167 antigen-like family member A; Cell adhesion kinase; Discoidin receptor tyrosine kinase; HGK2; CD167a; DDR1; CAK; EDDR1; NEP; NTRK4; PTK3A; RTK6; TRKE

Background

Discoidin domain receptor1 (DDR1) is a collagen activated receptor tyrosine kinase and an attractive anti-fibrotic target. Its expression is mainly limited to epithelial cells located in several organs including skin, kidney, liver and lung. DDR1 is a new potential target for drug discovery for human cancer and inflammatory disorders.

Note

For Research Use Only , Not for Diagnostic Use.