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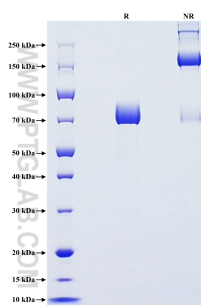
Recombinant Human DPEP1 protein (rFc Tag)



Catalog Number: Eg5510

Basic Information	Species: Human	Purity: >90 %, SDS-PAGE	Tag: rFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/ µg protein, LAL method Source: HEK293-derived Human DPEP1 protein Asp17-Ser385 (Accession# P16444) with a rabbit IgG Fc tag at the C-terminus. GeneID: 1800 Accession: P16444 Predicted Molecular Mass: 66.6 kDa SDS-PAGE: 68-85 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	DPEP1(Dipeptidase 1) is also named as MDP, RDP and belongs to the peptidase M19 family. It is a glycoprotein that plays an important role in the regulation of leukotriene activity. DPEP1 converts leukotriene D4 to leukotriene E4.		
References	1. Eisenach, P A et al. British journal of cancer vol. 109,3 (2013): 694-703; 2. Wang, Lei, and Guangyu Tian. Translational cancer research vol. 13,12 (2024): 7015-7025.		
Synonyms	Beta-lactamase, Dehydropeptidase-I, EC:3.4.13.19, EC:3.5.2.6, hRDP		

Selected Validation Data



Purity of Recombinant Human DPEP1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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