



Recombinant Human Endothelin-1 (a.a.53-73) [GST] (DAGC272)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Species	Human
Purity	Greater than 90% as determined by SDS-PAGE.
Conjugate	GST
Applications	N/A
Molecular Weight	29.5kDa
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized EDNRB at 5 µg/ml can bind human EDN1 with a linear range of 6.25-25.00 µg/ml.
Format	Liquid or Lyophilized powder (Note: We will preferentially ship the format that we have in stock, however, if you have any special requirement for the format, please remark your requirement when placing the order, we will prepare according to your demand.)
Size	20 µg, 100 µg, 1 mg
Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Preservative	None
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	Endothelin 1 (ET-1), also known as preproendothelin-1 (PPET1), is a potent vasoconstrictor that in humans is encoded by the EDN1 gene and produced by vascular endothelial cells. The protein encoded by this gene is proteolytically processed to release a secreted peptide termed endothelin 1. Endothelin 1 is one of three isoforms of human endothelin.
Keywords	EDN1; endothelin 1; ET1; QME; PPET1; ARCND3; HDLCQ7; endothelin-1; preproendothelin-1