Active Recombinant Human ADAMTS4 Protein, His-tagged

Cat. No. ADAMTS4-1028H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS4 (Accession # O75173) Phe213-Cys685, fused with a C-terminal 10-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Phe213-Cys685
Predicted N Terminal	Phe213
Form	Supplied as a 0.2 μm filtered solution in Sodium Acetate, CaCl2 and NaCl.
Bio-activity	Measured by its ability to cleave Recombinant Human Aggrecan G1-IGD-G2 Domains.
Molecular Mass	Recombinant Human ADAMTS4, His-tagged has a calculated MW of 53 kDa. In SDS-PAGE migrates as 58 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	ADAMTS4 ADAM metallopeptidase with thrombospondin type 1 motif, 4 [Homo sapiens]
Official Symbol	ADAMTS4
Synonyms	ADAMTS4; ADAM metallopeptidase with thrombospondin type 1 motif, 4; a disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4; A disintegrin and metalloproteinase with thrombospondin motifs 4; ADAMTS 2; ADMP 1; KIAA0688; ADAM-TS4; ADAM-TS 4; aggrecanase-1; a disintegrin-like and metalloprotease (reprolysin type) with thrombospondin type 1 motif, 4; ADMP-1; ADAMTS-2; ADAMTS-4;
Gene ID	9507
mRNA Refseq	NM_005099
Protein Refseq	NP_005090
MIM	603876
UniProt ID	O75173
Chromosome Location	1q31-q32

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA