

Recombinant Human AMTN protein(Met1-Gln209), mFc-tagged

Cat. No. AMTN-221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMTN (NP_997722.1) (Met1-Gln209) was expressed in HEK293 with the Fc region of Mouse IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Gln209
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% glycerol, 0.5mM EDTA, pH 8.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human AMTN/mFc comprises 427 amino acids and has a predicted molecular mass of 46.2 kDa. The apparent molecular mass of the monomer is approximately 54 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 78 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	AMTN amelotin [Homo sapiens]
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Official Symbol	AMTN
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Synonyms	UNQ689
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Gene ID	401138
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mRNA Refseq	NM_212557.2
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Protein Refseq	NP_997722.1
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MIM	610912
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UniProt ID	Q6UX39
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