

## ADAM12 Human

*A Disintegrin and Metalloproteinase Domain 12 S-Isoform Human Recombinant*  
RCP0014

### Product Overview

Name ADAM12 Human

#### Description

A Disintegrin and Metalloproteinase Domain 12 S-Isoform Human Recombinant

Accession (Primary) [O43184](#)

#### Synonyms

tRNA-specific adenosine deaminase 1, hADAT1, tRNA-specific adenosine- 37 deaminase, ADAT1, ADAT-1.

#### Introduction

This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA.

#### Source

Escherichia Coli.

#### Physical Appearance

Sterile Filtered clear solution.

#### Formulation

Adenosine Deaminase tRNA-Specific-1 at 0.1mg/ml, 10mM Tris, pH 8.0, 0.1% Triton X-100, 0.002% NaN<sub>3</sub>.

#### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

#### Purity

Greater than 95.0% as determined by SDS-PAGE.

#### Precautions

ADAM12 Human is for research use only and not for use in diagnostic or therapeutic procedures.

**Target Information: ( [O43184](#) )**

