

## 4-1BBR Mouse

4-1BB Receptor Mouse Recombinant  
CYK0007

### Product Overview

Name 4-1BBR Mouse

#### Description

4-1BB Receptor Mouse Recombinant

Accession (Primary) [P20334](#)

#### Synonyms

Gamma-glutamylaminocyclotransferase, GGACT, AIG2-like domain-containing protein 1, A2LD1.

#### Introduction

Gamma-glutamylaminocyclotransferase (A2LD1) is an enzyme which converts gamma-glutamylamines to free amines and 5-oxoproline. A2LD1 demonstrates high activity toward gamma-glutamyl-epsilon-lysine, derived from the breakdown of fibrin and other proteins cross-linked by transglutaminases. A2LD1 assists in the proteolytic degradation of crosslinked fibrin by breaking down isodipeptide L-gamma-glutamyl-L-epsilon-lysine, which is a byproduct of fibrin degradation. The reaction catalyzed by the A2LD1 produces 5-oxo-L-proline and a free alkylamine.

#### Source

Escherichia Coli.

#### Physical Appearance

Sterile Filtered colorless solution.

#### Formulation

The A2LD1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.

#### 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.

#### Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MALVFVYGTL KRGQPNHRVL RDGAHGSAAF RARGRTLEPY PLVIAGEHNI  
PWLLHLPGSG RLVEGEVYAV DERMLRFLDD FESCPALYQR TVLRVQLLED RAPGAEEPPA PTAVQCFVYS  
RATFPPEWAQ LPHHDSYDSE GPHGLRYNPR ENR.

#### Precautions

4-1BBR Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( [P20334](#) )