

Human ACYP1 / Acylphosphatase-1 Protein (GST Tag)

Catalog Number: 12578-H09E



Sino Biological Inc.

Biological Solution Specialist

General Information

Gene Name Synonym:

ACYPE; 1110039O14Rik; AI325944

Protein Construction:

A DNA sequence encoding the human ACYP1 (P07311) (Ala 2-Lys 99) was fused with the GST tag at the N-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 92 % as determined by SDS-PAGE

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Met

Molecular Mass:

The recombinant human ACYP1/GST chimera consists of 329 amino acids and has a predicted molecular mass of 38 kDa. It migrates as an approximately 37 kDa band in SDS-PAGE under reducing conditions

Formulation:

Lyophilized from sterile 20mM Tris, 0.15M NaCl, 0.5mM GSH, pH 8.0

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

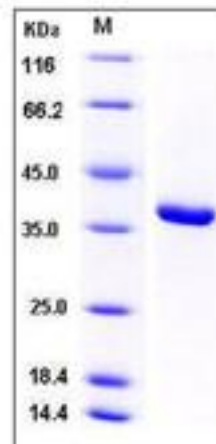
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



References

1. Degl'Innocenti, D. et al., 2004, IUBMB Life. 56 (1):29-33.
2. Gribenko A.V., et al., 2009, Proc. Natl. Acad. Sci. USA. 106:2601-2606.
3. Yeung R.C., et al., 2006, Acta Crystallogr. F 62:80-82.

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