

Rev03
 Update: Aug,08,2025

DATASHEET

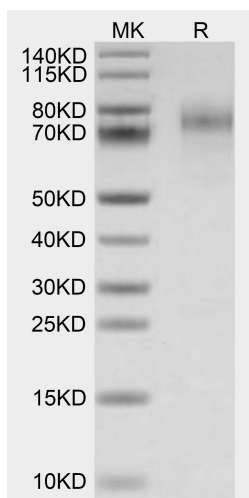
LYPD3, His, Mouse

Cat. No.: Z06257

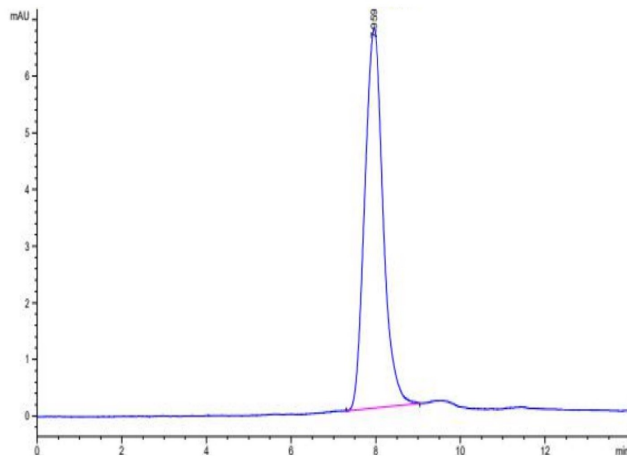
Product Introduction

Species	Mouse
Protein Construction	<div style="display: flex; align-items: center; justify-content: center;"> <div style="background-color: #0056b3; color: white; padding: 5px; text-align: center;"> LYPD3 (Leu33-His287)_x000D_ Accession # Q91YK8 </div> <div style="background-color: #76923c; color: white; padding: 5px; text-align: center; margin-left: 10px;"> His </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 5px; font-size: small;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	27.6 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 70-80 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Examples



LYPD3, His, Mouse on Bis-Tris PAGE under reduced condition.
 The purity is greater than 95%.



The purity of LYPD3, His, Mouse is greater than 95% as determined by SEC-HPLC.

Background

Target Background : Aberrant expression of LYPD3 plays an oncogenic role in several types of cancer. LYPD3 was able to be regulated by the methylation in LYPD3 promoter region, which was positively associated with the overall survival. Furthermore, we explored the related pathways through which LYPD3 affects the pathogenesis and prognosis of LUAD by gene set enrichment analysis, and found that LYPD3 might affect the clinical manifestations of LUAD by regulating the P53 signaling pathway.

Synonyms : MIG-C4; LYPD3; C4.4A; LY6/PLAUR domain containing 3

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China