

Rev03
 Update: Aug,08,2025

DATASHEET

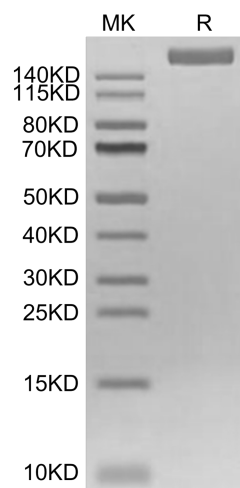
LY75/CD205, His, Cynomolgus

Cat. No.: Z04865

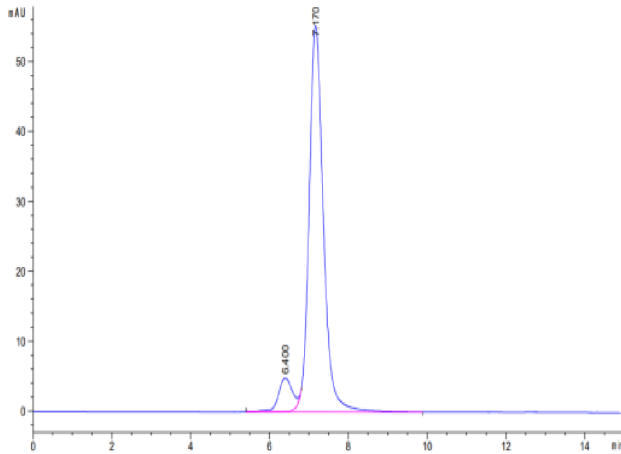
Product Introduction

Species	Cynomolgus
Protein Construction	<div style="display: flex; align-items: center; gap: 10px;"> <div style="background-color: #0056b3; color: white; padding: 5px; font-size: 0.8em;"> LY75/CD205 (Ser28-Asp1666) Accession # XP_005573337.2 </div> <div style="background-color: #76923c; color: white; padding: 5px; font-size: 0.8em;">His</div> </div> <div style="display: flex; justify-content: space-around; font-size: 0.7em; margin-top: 2px;"> N-term C-term </div>
Purity	> 95% as determined by BisTris PAGE > 90% as determined by HPLC
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	190.17 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 230-245 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



LY75/CD205, His, Cynomolgus on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.



The purity of LY75/CD205, His, Cynomolgus is greater than 90% as determined by SEC-HPLC.

Background

Target Background : Lymphocyte antigen 75 (Ly75/CD205) is a surface marker on mitotic germ cells in rainbow trout. In mammals, several cell surface molecular markers have been characterized in order to identify the mitotic germ cells. The expression profile of Ly75 protein was similar to that of the mRNA. Furthermore, identification of various fish homologs of ly75 confirmed that their amino acid sequences are well conserved. Therefore, Ly75 may be appropriate for use as a versatile cell surface marker for mitotic germ cells in fish.

Synonyms : Ly-75; DEC-205; CD205; CLEC13B; GP200-MR6; LY75

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

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