

Recombinant Mouse Lymphocyte antigen 96(Ly96)

Catalog No: #AP73830



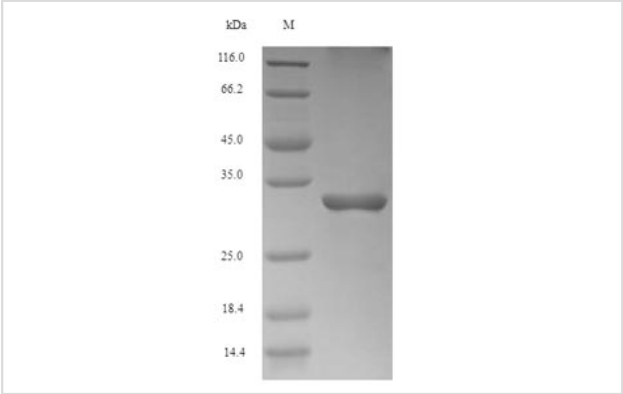
Package Size: #AP73830-1 20ug #AP73830-2 100ug #AP73830-3 1mg

Orders: order@signalwayantibody.com  
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Mouse Lymphocyte antigen 96(Ly96)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-160aaSequence Info:Full Length
Other Names	Short name: Ly-96 Alternative name(s): ESOP-1 Protein MD-2
Accession No.	Q9JHF9
Uniprot	Q9JHF9
GeneID	17087;
Calculated MW	32.4 kDa
Target Length	19-160aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	EKQQWFCNSSDAIISYSYCDHLKFPISISSEPCIRLRGTNGFVHVEFIPRGNLKYLYFNLFISVNSIELPKRKEVLC HGHDDDYSFRCALKGETVNTSIPFSFEGILFPKGHYRCVAEAIAGDTEEKLFCLNFTIIHRRDVN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



## Background

---

Cooperates with TLR4 in the innate immune response to bacterial lipopolysaccharide (LPS), and with TLR2 in the response to cell wall components from Gram-positive and Gram-negative bacteria. Enhances TLR4-dependent activation of NF-kappa-B. Cells expressing both MD2 and TLR4, but not TLR4 alone, respond to LPS

## References

---

"ESOP-1, a secreted protein expressed in the hematopoietic, nervous, and reproductive systems of embryonic and adult mice."Kato K., Morrison A.M., Nakano T., Tashiro K., Honjo T.Blood 96:362-364(2000)  
Research Topic:Immunology

---

Note: This product is for in vitro research use only