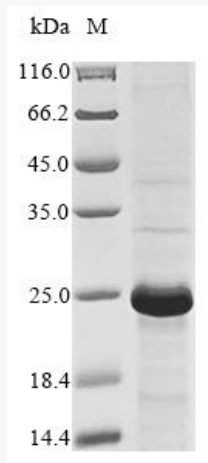


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Datasheet

Product Name	Recombinant Mouse Lymphocyte antigen 75(Ly75),partial
Catalog Number	AAA18628
Expression host	<i>E.coli</i>
Product Info	N-terminal 6xHis-tagged
Storage Buffer	0.2 µm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 20% glycerol
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Relevance	Acts as an endocytic receptor to direct captured antigens from the extracellular space to a specialized antigen-processing compartment. Causes reduced proliferation of B lymphocytes (By similarity).
AA sequence	SESSGNDPFTIVHENTGKCIQPLSDWVVAQDCSGTNNMLWKWVSQHRLFHLE SQKCLGLDITKATDNLRMFSCDSTVMLWWKCEHHSPLYTAAQYRLALKDGYA VANTNTSDVWKKGGSEENLCAQPYHEIYTRDGNSYGRPCEFPFLIGETWYHDC IHDEDHSGPWCATTLSYEYDQKWGICLL
References	"Mass-spectrometric identification and relative quantification of N-linked cell surface glycoproteins." Wollscheid B., Bausch-Fluck D., Henderson C., O'Brien R., Bibel M., Schiess R., Aebersold R., Watts J.D. Nat. Biotechnol. 27:378-386(2009)

Certificate of Analysis

Product Name	Recombinant Mouse Lymphocyte antigen 75(Ly75),partial		
Catalog Number	AAA18628		
Expression host	E.coli		
Product Info	N-terminal 6xHis-tagged		
Buffer	0.2 μm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 20% glycerol		
Batch Number	03606		
Nature	Mouse Ly75-(AA 28-211)- Q60767 -Partial Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C , one week from the date of receipt	
	Long term	-20 to -80 °C , six months from the date of receipt	
Form	Liquid		
Date of detection	2018.11.22		
Test Items	Specifications		Results
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.8 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 25.2 kDa		Observed band size: 25 kDa

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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	0.2 µm sterile filtered	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	