Datasheet

Product Name	Recombinant Mouse Histone deacetylase complex subunit SAP130(Sap130),partial
Catalog Number	**AAA18748**
Expression host	*Ecoli*
Product Info	N-terminal 6xHis-tagged
Storage Buffer	0.2 μm sterile filtered PBS, pH 7.4, 50% glycerol
Storage	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
Relevance	Acts as a transcriptional repressor. May function in the assembly and/or enzymatic activity of the mSin3A corepressor complex or in mediating interactions between the complex and other regulatory complexes (By similarity).
AA sequence	PRKQQHVISTEEGDMMETNSTDDEKSAAKSLLVKAEKRKSPPKEYIDEEGVR YVPVRPRPPITLLRHYRNPWKAAYHHFQRYSDVRVKEEKKAMLQEIANQKG VSCRAQGWKVHLCAAQLLQLTNLEHDVYERLTNLQEGIIPKKKAATDDDLH RINELIQGNMQRCKLVMDQISEARDSMLKVLDHKDRVLKLLNKNGTVKKVS KLKRKEKV
References	"The transcriptional landscape of the mammalian genome." Carninci P., Kasukawa T., Katayama S., Gough J., Frith M.C., Maeda N., Oyama R., Ravasi T., Lenhard B., Wells C., Kodzius R., Shimokawa K., Bajic V.B., Brenner S.E., Batalov S., Forrest A.R., Zavolan M., Davis M.J. Hayashizaki Y. Science 309:1559-1563(2005)

Certificate of Analysis

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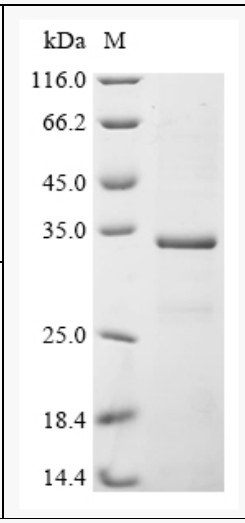
Buffer	0.2 μm sterile filtered PBS, pH 7.4, 50% glycerol		
Batch Number	YD05210k1g5		
Nature	Mouse Sap130-(AA 845-1057)-**Q8BIH0**-Partial Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 ℃, one week from the date of receipt	
	Long term	-20 to -80 ℃, six months from the date of receipt	
Form	Liquid		
Date of manufacture	2022.05.30		
Test Items	**Specifications**		**Results**
Appearance	Clear Solution		pass
Concentration	0.1-5 mg/ml, by the Bradford Method.		0.5 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 28.8 kDa		Observed band size: 34 kDa The reducing (R) protein migrates as 34 kDa in SDS-PAGE may be due to molecular structure of protein.

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	