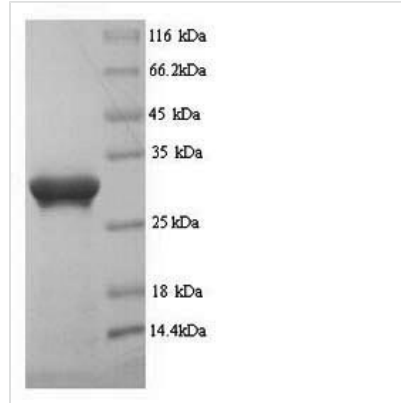




Recombinant Human Prominin-1 (PROM1), partial

Product Code	CSB-YP018751HU
Relevance	May play a role in cell differentiation, proliferation and apoptosis . Binds cholesterol in cholesterol-containing plasma mbrane microdomains and may play a role in the organization of the apical plasma mbrane in epithelial cells. During early retinal development acts as a key regulator of disk morphogenesis. Involved in regulation of MAPK and Akt signaling pathways. In neuroblastoma cells suppresses cell differentiation such as neurite outgrowth in a RET-dependent manner .
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.
Uniprot No.	O43490
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	GANVEKLICEPYTSKELFRVLDTPYLLNEDWEYYLSGKLFNKSKMKLTFEQVYS DCKKNRGTYGTLHLQNSFNISEHLNINEHTGSISSELESKVNLFLLGAAGRK NLQDFAACGIDRMNYDSYLAQTGKSPAGVNLLSFAYDLEAKANSLPPGNLRNS LKRDAQTIKTIHQQRVLPPIEQSLSTLYQSVKILQRTGNGLLERVTRILASLDFAQ NFITNNTSSVIIIEETKKYGRTIIGYFEHYLQWIEFSISEKVASCKPVATALDVAVD VFLCSYIIDPLN
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Target Names	PROM1
Protein Names	Recommended name: Prominin-1Alternative name(s): Antigen AC133 Prominin-like protein 1 CD_antigen= CD133
Expression Region	508-792aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	34.2kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Shelf Life

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.