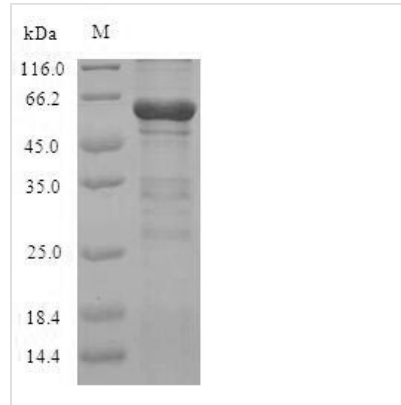




Recombinant Pig Calpain-2 catalytic subunit(CAPN2)

Product Code	CSB-EP004496PI
Relevance	Calcium-regulated non-lysosomal thiol-protease which catalyze limited proteolysis of substrates involved in cytoskeletal remodeling and signal transduction. Proteolytically cleaves MYOC at 'Arg-226' .
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.	P43367
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Calcium-activated neutral proteinase 2 ;CANP 2;Calpain M-type;Calpain-2 large subunit;Millimolar-calpain ;M-calpain
Product Type	Recombinant Protein
Species	Sus scrofa (Pig)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	YPNTFWMNPQYLIKLEEEDEDQEDGESGCTFLVGLIQLKHRRRQRKMGEDMHT IGFGIYEVPEELTGQTNIHLSKNFFLTHRARERSDTFINLREVLNRFKLPPGEYIL VPSTFEPNKDGFDCIRVFSEKKADYQVVDDEIEADLEENDASEDDIDDDGFRRLF AQLAGEDAEISAFELQTLRRVLAKRQDIKSDGFSIETCRIMVDMMLDSDGSAKLG LKEFYILWTKIQKYQKIYREIDVDRSGTMNSYEMRKALEEAGFKLPCQLHQVIV ARFADDQLIIDFDNFVRCLVRLETLFRISKQLDSENTGTIELDLISWLCFSVL
Research Area	Others
Source	E.coli
Gene Names	CAPN2
Expression Region	1-324aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	53.8kDa
Protein Description	Full Length
Image	



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