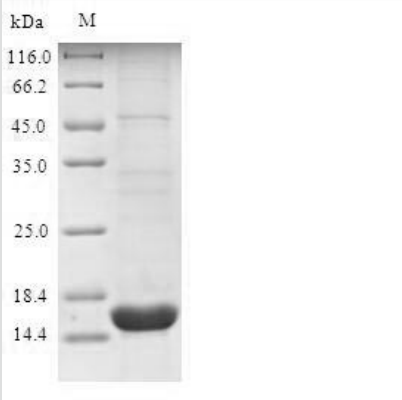
Recombinant Human Sodium-dependent phosphate transport protein 2B (SLC34A2), partial

Product Code	CSB-YP021581HU
Relevance	May be involved in actively transporting phosphate into cells via Na+ cotransport. It may be the main phosphate transport protein in the intestinal brush border mbrane. May have a role in the synthesis of surfactant in lungs' alveoli.
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.	O95436
Alias	Na(+)-dependent phosphate cotransporter 2BNaPi3bSodium/phosphate cotransporter 2B ;Na(+)/Pi cotransporter 2B ;NaPi-2bSolute carrier family 34 member 2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LLQSRCPRVLPKKLQNWNFLPLWMRSLKPWDAVVSKFTGCFQMRCCCCCRVCCRACCLLCDCPKCCRCSKCCEDLEEAQEGQDVPVKAPETFDNITISREAQGEVPASDSKTECTA
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Signal Transduction
Source	Yeast
Gene Names	SLC34A2
Protein Names	Recommended name: Sodium-dependent phosphate transport protein 2B Short name= Sodium-phosphate transport protein 2BAlternative name(s): Na(+)-dependent phosphate cotransporter 2B NaPi3b Sodium/phosphate cotransporter 2B Short name=
Expression Region	574-689aa
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	15.1kDa
Protein Description	Partial
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.