

Product Name: Recombinant Human NaPi2b ECL2 (C-Fc)
Catalog #: PHH2449

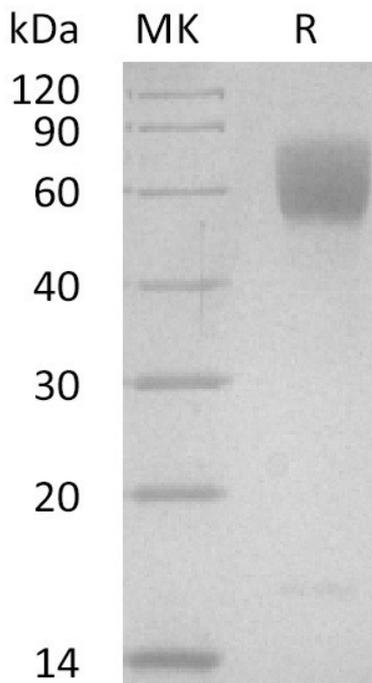


Summary

Name	NaPi2b
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human NaPi2b extracellular loop 2 is produced by our Mammalian expression system and the target gene is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	O95436-2
Host	Human cells
Species	Human
Predicted Molecular Mass	41.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 5% Trehalose, 5% mannitol, 0.06% Tween80, pH7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

Sodium-dependent phosphate transport protein 2B; SLC34A2; Na(+)-dependent phosphate cotransporter 2B; NaPi-2b; Solute carrier family 34 member 2; SLC34A2

Background

NaPi2b, also named SLC34A2, is a sodium-dependent phosphate transporter that belongs to the SLC34 family of transporters which is mainly responsible for phosphate homeostasis in humans. Although NaPi2b is widely expressed in normal tissues, its overexpression has been demonstrated in ovarian, lung, and other cancers. NaPi2b may comprise of never been considered, established, continuous, and discontinuous epitopes and therefore represents a new family of potential cell surface markers and targets for the immunotherapy of several types of cancers.

Note

For Research Use Only , Not for Diagnostic Use.