

Recombinant Human Placental Alkaline Phosphatase 1/ALPP Protein (His Tag)



Catalog Number:PKSH032058

Note: Centrifuge before opening to ensure complete recovery of vial contents.

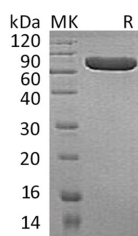
Description

Synonyms	Alkaline phosphatase;placental type;Alkaline phosphatase Regan isozyme;Placental alkaline phosphatase 1;ALPP and PLAP;
Species	Human
Expression Host	HEK293 Cells
Sequence	Ile23-Asp506
Accession	P05187
Calculated Molecular Weight	53.7 kDa
Observed molecular weight	60-85 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, 0.2mM CaCl ₂ , 10% Glycerol, pH 7.5.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

Background

ALPP is a membrane protein and exists as a homodimer. ALPP is expressed only in normal term placenta, endocervix and fallopian tube and also in ovarian and proximal gastrointestinal tumors. It has been shown to play a role in a number of processes including cell signaling, long-term potentiation, and cell adhesion, however, the best known and most commonly studied role is implicated in Alzheimer's research.

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