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## Product Datasheet

### Recombinant *Macaca fascicularis* Alkaline phosphatase, placental type (ALPP) (Active) BYT-ORB2658858

Article Name	Recombinant <i>Macaca fascicularis</i> Alkaline phosphatase, placental type (ALPP) (Active)
Biozol Catalog Number	BYT-ORB2658858
Supplier Catalog Number	orb2658858
Alternative Catalog Number	BYT-ORB2658858-1,BYT-ORB2658858-100,BYT-ORB2658858-20
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This Recombinant <i>Macaca fascicularis</i> Alkaline phosphatase, placental type (ALPP) (Active) spans the amino acid sequence from region 21-504aa. Purity: Greater than 95% as determined by SDS-PAGE....
Molecular Weight	54.1 kDa
Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Source	<i>Macaca fascicularis</i> (Crab-eating macaque) ( <i>Cynomolgus</i> monkey)
Purity	Greater than 95% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	IIPVEEENPDFWNRQAAEALGAAKQLPIQTAAKNIIFLGDGMGVSTVTAARIL KGQKEEKLGPETPLAMDHFPYVALSKTYSVDKHPDAAATATAYLCGVKGNF QTIGLSAAARYNQCNTRGNEVVSVMNRAKKAGKSVGVTTRVQHASPAG AYAHTVNRNWYSDANMPGSARREGCKDIATQLISNMDIDVILGGGRKYMFR MGAPDPEYPHDYSQDGTRMDGKNLVQEWLAKHQGARYVWNRTELMQ

Application Notes

Biological Origin: *Macaca fascicularis* (Crab-eating macaque) (Cynomolgus monkey). Biological Activity: Unit Definition: One unit is defined as the amount of enzyme required to cleave 1 nmol p-nitrophenylphosphate (pNPP), in 1 minute at 37°C, pH 10.0. The specific activity is >7000 U/mg. Application Notes: 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.