

vitamin D binding protein precursor (208-218) [Homo sapiens]/[Oryctolagus cuniculus]

Chemical Properties

CAS No. :

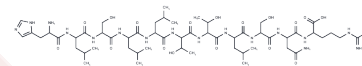
Formula: C54H95N17O17

Molecular Weight: 1254.44

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Vitamin D-binding protein is a multifunctional, highly expressed, polymorphic serum protein. These range from the transport of vitamin D metabolites to possible roles in the immune system and host defense. The molecular weight range, the time course of appearance, and the effect of dietary strontium all suggested that the newly appearing protein(band C) might represent the calcium-binding protein formed in response to vitamin D.
Targets(IC50)	Others
In vivo	Using chromatographically purified calcium-binding protein from rat intestine, it was shown that this protein(band C) most probably is the calcium-binding protein. The major contaminating protein in the final purification of rat calcium-binding protein has also been identified on gels as the preexisting protein (band A), which is probably the precursor of the calcium-binding protein [1][2][3][4].

Solubility Information

Solubility	DMSO: ≥125.4 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7972 mL	3.9858 mL	7.9717 mL
5 mM	0.1594 mL	0.7972 mL	1.5943 mL
10 mM	0.0797 mL	0.3986 mL	0.7972 mL
50 mM	0.0159 mL	0.0797 mL	0.1594 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481