

PTH1R Protein, Bovine, Recombinant (His)

General Information

Synonyms:	Parathyroid hormone 1 receptor (PTH1 receptor);PTH/PTHrP type I receptor (PTH/PTHr receptor);Parathyroid hormone/parathyroid hormone-related peptide receptor;PTH1R;PTHr1
Protein Construction:	29-589 aa
Species:	Bovine
Expression Host:	in vitro E. coli expression system
Accession:	Q1LZF7
Molecular Weight:	64.6 kDa (Predicted)
AA Sequence:	DDVMTKEEQIFLLHRAQAQCEKRLKEVLQRPADIMESDKGWASASTSGKPKKEKPSGKLPSEEDKEVPTG SRPRGRPCLPEWDHILCWPLGAPGEVAMPCPDYIYDFNHKGHAYRRCDRNGSWELVPGHNRTWANYSEC VKFLTNETREREVFDRLGMIYTVGYSVSLASLTVAVLILAYFRRLHCTRNYIHMHLFLSFMLRAVSIFVKDAVLYS GTALDEAERLTEEELRAIAQAPPPAAAAGYVGCRAVAVTFFLYFLATNYYWILVEGLYLHSLIFMAFFSEKKYL WGFTVFGWGLPAIFVAVVWSVRATLANTGCWDLSSGNKKWIIQVPILASIVLNFILFINIVRVLATKLRNAGR CDTRQQRKLLKSTLVLMPLFGVHYIVFMATPYTEVSGTLWQVQMHYEMLFNSFQGFVAIYCFNGEVQAE IKKWSRWTLALDFKRKARSGSSSYGPMVSHTSVTNVGPRTGLGLPLSPRLLPAATTNGHPPLPGHTKSGS PALQATPPAVAAPKEDGFLNGSCSGLDEEACAPERPPVLLQEEWETVM

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	Not tested.
Formulation:	Lyophilized from a 0.2 µm sterile filtered PBS, 0.05% Brij-78, 6% Trehalose, pH 7.4

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 407 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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