9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-8135: Recombinant Human Parathyroid Hormone-Related Protein/PTHLH (C-6His)(Discontinued)

Gene : PTHLH
Gene ID : 5744
Uniprot ID : P12272

Description

Source: E. coli.
MW :16.9kD.
Recombinant Human Parathyroid Hormone-Related Protein is produced by our E.coli expression system and the target gene encoding Ala37-Arg175 is expressed with a 6His tag at the C-terminus. Parathyroid Hormone-Related protein (PTHRP) is a member of the parathyroid hormone family. PTHRP is known as a potent inhibitor of chondrocyte maturation. PTHRP is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. PTHRP also regulates epithelial-mesenchymal interactions during the formation of the mammary glands. During endochondral bone development, PTHRP plays a major role in suppressing the onset of hypertrophic differentiation. Defects in PTHRP are the cause of Brachydactyly Type E2.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MAVSEHQLLHDKGKSIQDLRRRFFLHHLIAEIHTAEIRATSEVSPNSKPSPNTKNHPVRFGSDDEGRYLTQETNKVETYKEQPLKTPGKKKKGKPGKRKEQEKKKRRTRSAWLDSGVTGSGLEGDHLSDTSTTSLELDSRLEHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.