

Product datasheet for SA6052X

OriGene Technologies, Inc.

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Parathyroid hormone / PTH (32-115) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Parathyroid hormone / PTH (32-115) human protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone MSVSEIQLMH NLGKHLNSME RVEWLRKKLQ DVHNFVALGA PLAPRDAGSQ RPRKKEDNVL

or AA Sequence: VESHEKSLGE ADKADVNVLT KAKSQ

Predicted MW: 9.55 kDa

Concentration: lot specific

Purity: >95% by SDS-PAGE

Buffer: Presentation State: Purified

State: Liquid protein

Buffer System: Phosphate-Buffered Saline (PBS) containing 2 mM EDTA, pH 7.4

Preparation: Liquid protein

Protein Description: Human Parathyroid Hormone (amino acids 32-115) was overexpressed in E. coli and purified

to apparent homogeneity by using conventional column Chromatography techniques.

Storage: Store at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: NP 000306

 Locus ID:
 5741

 UniProt ID:
 P01270

 Cytogenetics:
 11p15.3

Synonyms: FIH1; PTH1





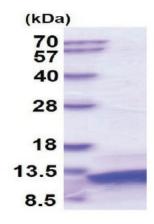
Summary:

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Protein Families:

Druggable Genome, Secreted Protein

Product images:



15% SDS-PAGE (3ug)