

## Product datasheet for SA6052

## 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, 0.1 mg

Species: Human **Expression Host:** E. coli

MSVSEIQLMH NLGKHLNSME RVEWLRKKLQ DVHNFVALGA PLAPRDAGSQ RPRKKEDNVL **Expression cDNA Clone** 

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.

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

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





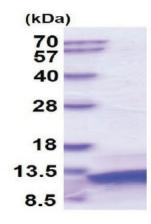
**Summary:** 

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)