

## Product datasheet for SA6052

### 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
Expression cDNA Clone or AA Sequence:	MSVSEIQLMH NLGKHLNSME RVEWLRKKLQ DVHNFVALGA PLAPRDAGSQ RPRKKEDNVL 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:	<a href="#">NP_000306</a>
Locus ID:	5741
UniProt ID:	<a href="#">P01270</a>
Cytogenetics:	11p15.3
Synonyms:	FIH1; PTH1



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**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:**