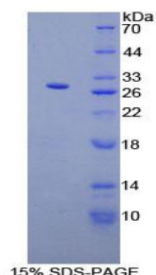
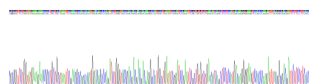


Human Parathyroid Hormone-Related Protein / PTHrP (PTHLH) Protein

Catalogue No.: abx068430



SDS-PAGE analysis of recombinant Human PTHrP Protein.



Gene sequencing extract of recombinant Human PTHrP Protein.

Human Parathyroid Hormone-Related Protein / PTHrP (PTHLH) is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx103853](#), [abx132377](#)

Target: Parathyroid Hormone-Related Protein / PTHrP (PTHLH)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Datasheet

Version: 2.0.0
Revision date: 05 Jul 2025



Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH ₂ O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P12272 (UniProt , ExPASy)
Gene Symbol:	PTHLH
GeneID:	5744
OMIM:	168470
HGNC:	9607
KEGG:	hsa:5744
Ensembl:	ENSG00000087494
Molecular Weight:	Calculated MW: 22.7 kDa Observed MW (SDS-PAGE): 28 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none">1. Splice variants. Alternative splicing may create different sized proteins from the same gene.2. Relative charge. The composition of amino acids may affect the charge of the protein.3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Sequence Fragment:	Ala37-His177
Sequence:	AVSE HQLLHDKGKS IQDLRRRFFL HHLIAEIHTA EIRATSEVSP NSKPSPNTKN HPVRFSGSDDE GRYLTQETNK VETYKEQPLK TPGKKKKGKP GKRKEQEKKK RRTRSAWLDS GVTGSGLEGD HLSDTSTTSL ELDSRRH
Tag:	N-terminal His tag
Buffer:	Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.
Activity:	Not tested

Datasheet

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Concentration: Prior to lyophilization: 150 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only