



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Information

Description:	Recombinant human Histone 3, encompassing amino acids 2-58. This construct contains an N-terminal GST-tag followed by a thrombin cleavage site. The recombinant protein was affinity purified.
Background:	Histone H3 is involved in the maintenance of the structure of chromatin in eukaryotes, specifically in nucleosome structure, and transcription. It has several variants, and it undergoes extensive post-translational modifications, such as methylation or acetylation on lysine and arginine and phosphorylation of its serine and threonine amino acids. Mutations on histone H3 are linked with chromatin abnormalities and ultimately cancer. The study of the role of histone H3 in cancer and how to use that knowledge to develop new therapies are of great interest in oncology.
Species:	Human
Construct:	Histone H3 (GST-Th-2-58)
Concentration:	0.35 mg/ml
Expression System:	<i>E. coli</i>
Purity:	73%
Format:	Aqueous buffer solution.
Formulated In:	40 mM Tris pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20% glycerol and 3 mM DTT
MW:	32 kDa
Genbank Accession:	NM_003532
Stability:	At least 6 months at -80°C.
Storage:	-80°C
Instructions for Use:	Thaw on ice and gently mix prior to use. DO NOT VORTEX. Perform a quick spin before opening. Aliquot into small volumes and flash freeze for long term storage. Avoid multiple freeze/thaw cycles.
Applications:	Useful for SDS-PAGE.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

