



SZABO SCANDIC

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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 full-length KAT8 (lysine acetyltransferase 8), also known as MOF, encompassing amino acids 2-458(end). This construct contains a N-terminal FLAG-tag. The recombinant protein was affinity purified.
Background:	KAT8 (lysine acetyltransferase 8), also known as MOF, is a histone acetyltransferase which adds acetyl groups to histone H4 at lysine 16. KAT8 activity impacts chromatin regulation, DNA damage repair, cell differentiation, and apoptosis. KAT8 dysfunction can result in development and metastasis of AML (acute myeloid leukemia) and other cancer types. Small molecule KAT8 inhibitors have been developed in efforts to further the study of KAT8 function and its impact in cancer progression. KAT8 has also been identified as a risk gene for the development of PD (Parkinson's disease), due to its role in Parkin-dependent mitophagy. Further studies will elucidate the exact role of this protein and how best to target it for therapeutic purposes.
Species:	Human
Construct:	KAT8 (FLAG-2-458(end))
Concentration:	0.32 mg/ml
Expression System:	HEK293
Purity:	87%
Format:	Aqueous buffer solution.
Formulated In:	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 20% glycerol, and 100 µg/ml FLAG peptide
MW:	53.6 kDa
Genbank Accession:	NM_032188.3
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

