



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Zuschläge

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- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# TMEM195 (m2): 293T Lysate: sc-179616

## BACKGROUND

TMEM195 (transmembrane protein 195), also known as Alkylglycerol mono-oxygenase, is a 445 amino acid multi-pass membrane protein that belongs to the sterol desaturase family. TMEM195 cleaves the O-alkyl bond of ether lipids, which are essential components of brain membranes. The gene encoding TMEM195 maps to human chromosome 7p21.2, which is about 158 million bases long and encodes over 1000 genes. Chromosome 7 has been linked to osteogenesis imperfecta, Pendred syndrome, lissencephaly, citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfourt and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: Agmo (mouse) mapping to 12 A3.

## PRODUCT

TMEM195 (m2): 293T Lysate represents a lysate of mouse TMEM195 transfected 293T cells and is provided as 100  $\mu$ g protein in 200  $\mu$ l SDS-PAGE buffer.

## APPLICATIONS

TMEM195 (m2): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive TMEM195 antibodies. Recommended use: 10-20  $\mu$ l per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

## STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

## PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.