



# 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

### SZABO-SCANDIC HandelsgmbH

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## Human CYP4A11,High-Reductase

Cat. No.:	HY-E70478	
Target:	Cytochrome P450	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	Human CYP <sub>4</sub> A <sub>11</sub> ,High-Reductase

### BIOLOGICAL ACTIVITY

#### Description

Human CYP4A11, High-Reductase, a recombinant CYP4A11, is a member of the CYP4 enzyme family and is involved in the metabolism of medium- and long-chain fatty acids. Human CYP4A11, High-Reductase primarily metabolizes endobiotics and catalyzes the  $\omega$ -hydroxylation of fatty acids in human liver and kidney tissues<sup>[1]</sup>.

### REFERENCES

[1]. Gao H, et al. CYP4A11 is involved in the development of nonalcoholic fatty liver disease via ROS-induced lipid peroxidation and inflammation. *Int J Mol Med.* 2020 Apr;45(4):1121-1129.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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