

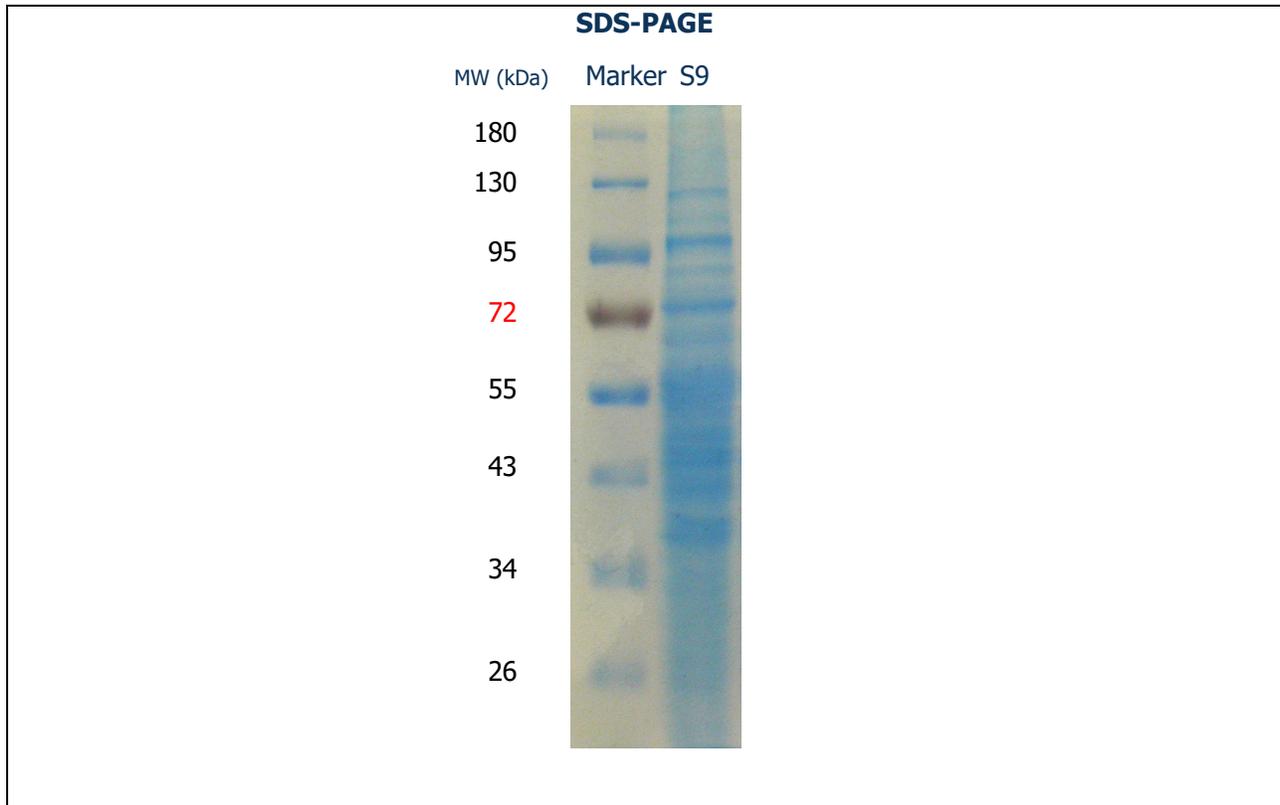
<b>Subcellular fractions</b>	
Lot ASL180627 (Pool of 4)	Batch Release: Feb 01, 2019 – updated August 25, 2020

Species: Atlantic Salmon ( <i>Salmo salar</i> ) Acclimation temperature: 14.8 ± 0.4 °C Age: approx. 1-1.5 years	Number and gender of animals: 4, female sexual immature  All animals were kept under controlled environmental conditions at Fraunhofer EMB in Lübeck.
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<b>Product Number</b>	<b>Product Description</b>	<b>Amount</b>	<b>Protein content</b>
ASL-S9-2P4	Atlantic Salmon S9 Fraction, female, Pool of 4	0.5 ml	20 mg/ml

<b>Phase I and Phase II metabolism:</b> Determination of enzymatic activities in suspension	
<b>Assay</b>	<b>Enzyme activity (nM/min) mean ± SD</b>
Phenacetin-O-deethylase	0.84 ± 0.08
Coumarin-7'-hydroxylase	0.05 ± 0.01
Bupropion-hydroxylase	0.11 ± 0.01
Diclofenac 4'-hydroxylase	0.72 ± 0.03
Chlorzoxazone 6'-hydroxylase	0.15 ± 0.02
Midazolam 1'-hydroxylase	1.88 ± 0.14
UDP-Glucuronosyltransferase	48.0 ± 18.5
Sulfotransferase	17.8 ± 0.7

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer at 14 °C for 15 min (Phase I) and for 30 min (Phase II).



**Store at -80 °C.**

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Issued and updated by J. Krinitskij

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