

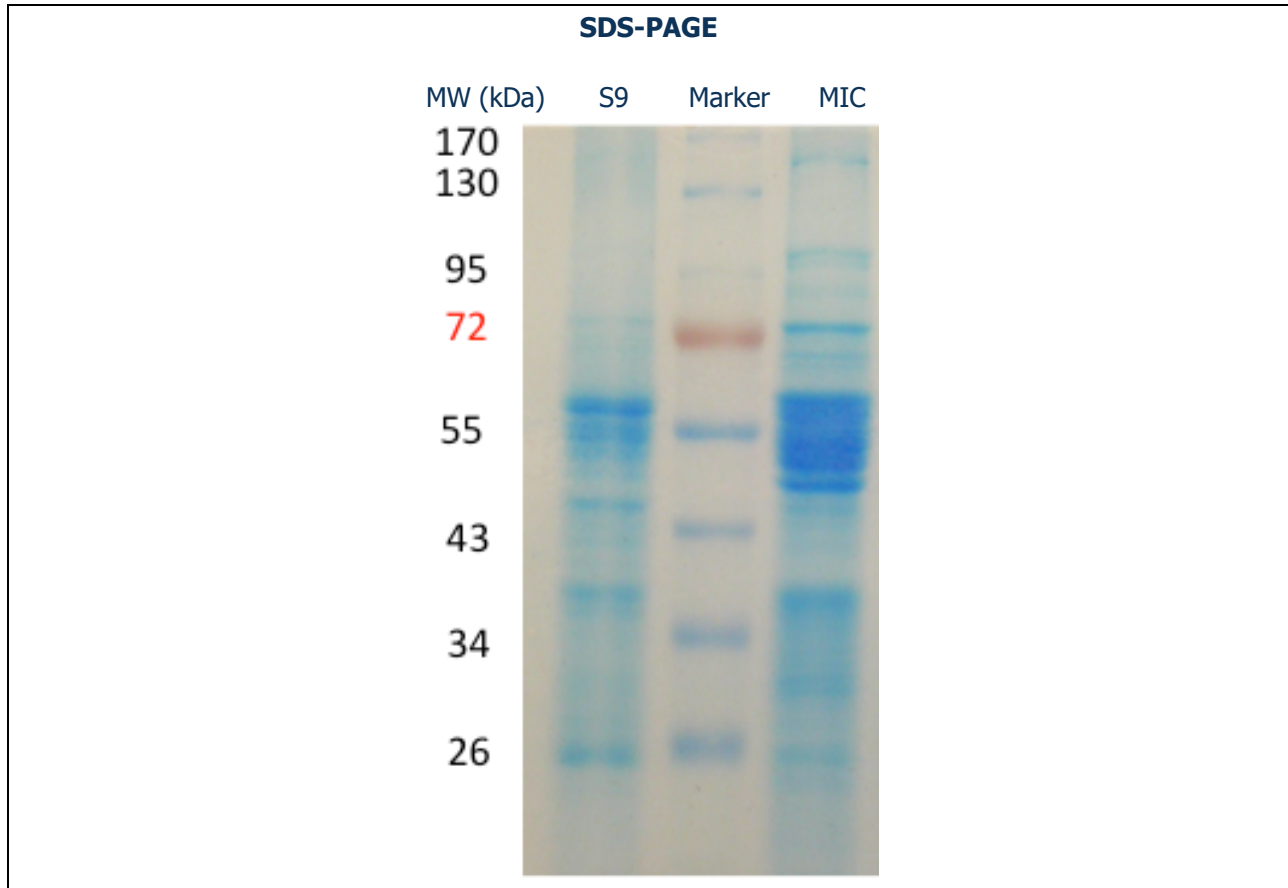
Subcellular fractions	
Lot GL151210	Batch Release: Sept 6, 2018

Species: Goat (Capra) Age: approx. 1 year	Number of animals: 1 Gender: female
--	--

Product Number	Product Description	Amount	Protein content
GL-S9-201	Goat liver S9 Fraction	1.0 ml	20 mg/ml
GL-MIC-201	Goat liver microsomes	1.0 ml	5 mg/ml

Enzyme assay results		
Assay	Enzyme activity (ng/mL*min) mean $\pm$ SD	
	S9 Fraction	Liver Microsomes
Phenacetin-O-deethylase	29.0 $\pm$ 2.0	71.5 $\pm$ 10.6
Diclofenac 4'-hydroxylase	4.2 $\pm$ 1.1	17.7 $\pm$ 2.6
Omeprazol 5'-hydroxylase	2.5 $\pm$ 0.5	10.5 $\pm$ 0.6
Dextromethorphan-O-demethylase	68.6 $\pm$ 4.7	220.5 $\pm$ 31.0
Midazolam 1'-hydroxylase	1.2 $\pm$ 0.1	4.7 $\pm$ 0.3

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer with NADPH generating system for 15 min at 37 °C.



**Store at -80 °C.**

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

Datasheet updated February 13, 2020

Issued by: A. Ullrich

Checked by: C. Garve