

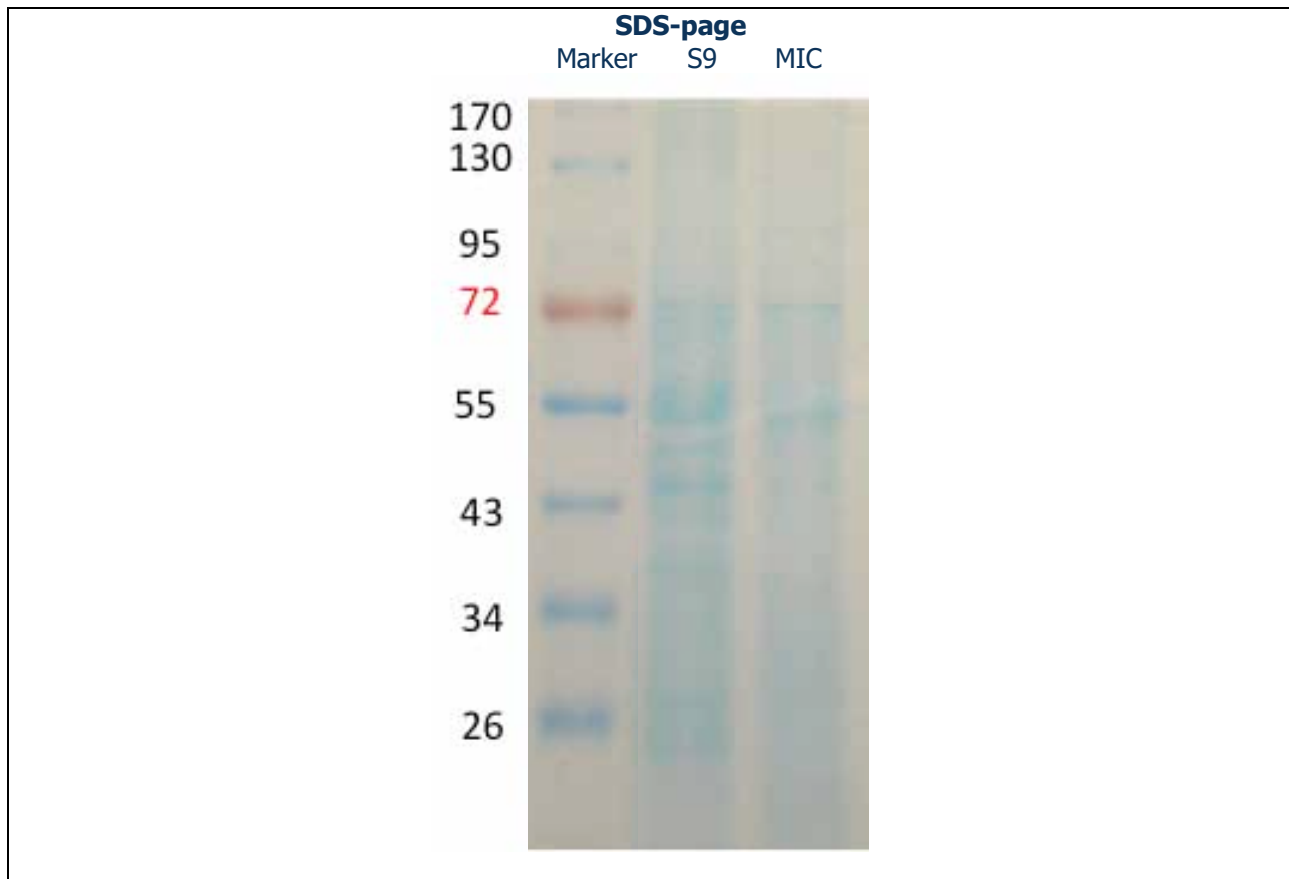
Subcellular fractions	
Lot PL160106-1	Batch release: March 14, 2016

Species: Gallus Gallus domesticus Gender: female	Age: approx. 2-3 years
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Product Number	Product Description	Amount	Protein content
PL-S9-201	Chicken liver S9 fraction, female, single donor	1.0 ml	5 mg/ml
PL-MIC-201	Chicken liver microsomes, female, single donor	1.0 ml	5 mg/ml

Enzyme assay results			
Enzyme (human isoforms)	Assay	Enzyme activities (ng/ml*min) mean ± SD	
		S9 Fraction	Liver microsomes
CYP1A2	Phenacetin-O-deethylase	78.0 ± 6.3	187.9 ± 5.9
CYP2C9	Diclofenac 4'-hydroxylase	BLQ	1.62 ± 0.77
CYP2C19	Omeprazol 5'-hydroxylase	0.46	0.93 ± 0.09
CYP2D6	Dextromethorphan-O-demethylase	0.52 ± 0.14	1.69 ± 0.12
CYP3A4	Midazolam 1'-hydroxylase	0.45 ± 0.06	2.46 ± 0.28

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.
BLQ – below level of quantification



Store at -80 °C.

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

Last update: March 18, 2020

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