

TABLE 4. Enzymatic activities of the purified tetrameric and hexameric SH

Activity assay	sp act (U/mg)		Turnover no. (s ⁻¹)	
	Tetramer	Hexamer	Tetramer	Hexamer
NADH-K ₃ Fe(CN) ₆	61.6 ^a	64.9 ^a	171	222
NADPH-K ₃ Fe(CN) ₆	ND ^c	0.6 ^b		2
H ₂ -BV	25.2	35.1	70	120
H ₂ -NAD ⁺	39.0	41.9	109	143
H ₂ -K ₃ Fe(CN) ₆	102.1	108.8	284	372
H ₂ -NADP ⁺	ND ^c	ND ^c		

^a Both tetrameric and hexameric SH exhibited NADH-H⁺ activity (around 1 % of the H₂-NAD⁺ activity).

^b No NADPH-H⁺ activity could be detected.

^c ND, no activity could be determined.