TABLE 1 Results of transport measurements

Probe	Mean molecular mass (kDa)	Diffusion coefficient* (μm^2 s^{-1})	Stokes radius# (nm)	0.18-μm filter pores§								1.8-μm filter pores¶	
				n	f_0 (%)	k_1 (10^{-3} s^{-1})	f_1 (%)	k_2 (10^{-3} s^{-1})	f_2 (%)	k_3 (10^{-3} s^{-1})	f_3 (%)	n	k (10^{-3} s^{-1})
FD4	3.9	89.0	2.42	258	2	53.3	70	99.4	21	140.0	1	198	92.1
FD10	10.0	76.0	2.82	258	3	19.8	65	38.2	35			195	25.2
FD20	17.2	65.0	3.30	255	2	8.1	53	15.2	23	23.6	24	206	9.7

*Measured by fluorescence microphotolysis as described (Peters, 1984).

#Calculated according to $(kT)/(6\pi\eta D)$, where k = Boltzmann's constant, T = absolute temperature, and η = solvent viscosity.

§n, Number of measurements; f_0, f_1, f_2, f_3, fractions of membrane patches with no, one, two, or three NPCs, respectively, as determined by fitting Gaussians to the experimental data; k_1, k_2, k_3, mean transport rate constant of membrane patches with one, two, or three NPCs, respectively, as determined by fitting Gaussians to the experimental data.

¶n, Number of measurements; k, mean transport rate constant as determined by fitting a Gaussian to the experimental data.