

Recombinant human prion protein (rhu-PrPc), His-tagged

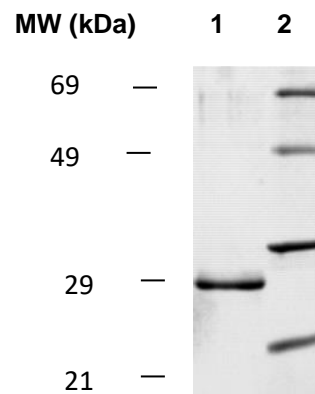
Catalogue number	Package size
0101000301	100 µg
0101000302	500 µg
0101000303	1 mg

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Product:	recombinant protein
Description:	Histidine-tagged full-length mature part of human prion protein
Host:	<i>E. coli</i> BL21
Length:	218 amino acids (23 – 231)
Molecular weight:	23908 Da
Sequence:	MKKRPKPGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQPHGGGWGQPHGG GGQPHGGGWGQGGGTHSQWNKPSKPKTNMKHMAGAAAAGAVVGGGLGGYMLGSAMSRPIHF GSDYEDRYRENMHRYPNQVYYRPMDEYSNQNNFVHDCVNITIKQHTVTTTTKGENFTETDVKM MERVVEQMCITQYERESQAYYQRGSSHHHHHH
Preparation:	solubilized from inclusion bodies in 6 M guanidine-HCl
Purification:	Ni(II)-nitriloacetate agarose chromatography
Purity:	> 95% by SDS-PAGE
Solution:	10 mM sodium acetate buffer pH 4.0
Storage:	at –20 °C (repeated thawing and freezing should be avoided)
Application:	Single band of ~ 25 kDa in SDS-PAGE (see figure below)

Figure

Recombinant human prion protein (1) was separated by SDS-PAGE under reducing conditions. Molecular weight standard (2) indicates the single band of ~ 25 kDa.



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