

Recombinant sheep prion protein (*rsh-PrPc*), His-tagged

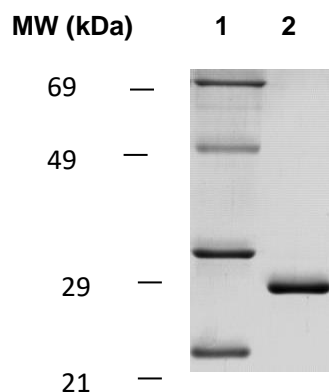
Catalogue number	Package size
847-0101000601	100 µg
847-0101000602	500 µg
847-0101000603	1 mg

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Product:	recombinant protein
Description:	Histidine-tagged full-length mature part of ovine prion protein
Host:	<i>E. coli</i> BL21
Length:	217 amino acids (25 – 234)
Molecular weight:	23812 Da
Sequence:	MKKRPKPGGGWNTGGSRYPGQGSPGGNRYPPQGGGGWGQPHGGGWGQPHGGGWGQPHGGG WGQPHGGGGWGQGGSHSQWNKPSKPKTNMKHVAGAAAAGAVVGGGLGGYMLGSAMSRPLIHFG NDYEDRYYRENMYRYPNQVYRVPDRYSNQNNFVHDCVNITVKQHTVTTTTKGENFTETDIKIMERV VEQMCITQYQRESQAYYQRGASHHHHHH
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 sheep prion protein (2) was separated by SDS-PAGE under reducing conditions. Molecular weight standard (1) indicates the single band of ~ 25 kDa.



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