

Technical Data Sheet

Product **rBet v 4 (Betula verrucosa 4.0101)**

Cat. Number/Size **10-P203-C100** **0.1 mg**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Format Purified Azide Free

Application ELISA

Description Recombinant protein rBet v 4 is expressed in Escherichia coli. DNA sequence encoding 97 AAs was fused with Strep-tag at the N-terminus. A calculated molecular mass of recombinant protein is 10,8 kDa.

Contents Recombinant protein rBet v 4 - 1 vial (0.1 mg), lyophilized.
Reconstitute with sterile deionized water with or without azide.

UniProt ID Q39419

Preparation The protein was purified by ionex and affinity chromatography, using Strep-tag. Endotoxin was removed using a specific endotrap carrier. Product was lyophilized after purification.

Formulation Lyophilized from a 0.22 µm filtered solution in Tris buffer (100 mM Tris, 150 mM NaCl, pH 8), preservative- and carrier-free. Purity > 95% (HPLC method).

Storage and handling The product is shipped at ambient temperature. Transport conditions, including short-term elevated temperature, do not impair product performance characteristics or do not affect stated product expiry date. Upon receipt, store and handle as directed.
Store at -20°C to -80°C.
Do not use after the expiry date stated on the product labels.
Reconstitute lyophilized product before use. Use reconstituted product immediately or aliquot for further storage.
Store product aliquots at -20°C to -80°C. Use within 6 months.
Avoid repeated freeze/thaw cycles.

Images and References www.exbio.cz

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