



Recombinant Protein Technical Manual

Recombinant Human BCAN Protein (His Tag)

RPES3628

Product Data:

Product SKU: RPES3628

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q96GW7

Protein Information:

Molecular Mass: 97.8 kDa

AP Molecular Mass: 130 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Brevican Core Protein; Brain-Enriched Hyaluronan-Binding Protein; BEHAB; Chondroitin Sulfate Proteoglycan 7; BCAN; BEHAB; CSPG7

Immunogen Information:

Sequence: Asp23-Pro911

Background:

Brevican Core Protein (BCAN) is a secreted protein that belongs to the aggrecan/versican proteoglycan family. BCAN contains one C-type lectin domain, one EGF-like domain, one Ig-like V-type domain, one Sushi (CCP/SCR) domain and two Link domains. BCAN may play a role in the terminally differentiating and the adult nervous system during postnatal development. BCAN could stabilize interactions between hyaluronan (HA) and brain proteoglycans.