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## Product Datasheet

### Recombinant Human CDH11 (C-6His) EBT-EPT231

Article Name	Recombinant Human CDH11 (C-6His)
Biozol Catalog Number	EBT-EPT231
Supplier Catalog Number	EPT231
Alternative Catalog Number	EBT-EPT231-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Cadherin-11 is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 66.63 KDa. Apparent molecular weight: 82 KDa, reducing conditions
UniProt	<a href="#">Q96CZ9</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Background: Cadherin-11 is a type II classical cadherin member of the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherins interact with themselves in a homophilic manner in connecting cells, and thus contribute to the sorting of heterogeneous cell types. Cadherin-11 contains five cadherin domains and is mainly expressed in the brain. Mature cadherin proteins consists of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small highly conserved C-terminal cytoplasmic domain. It is shown that Cadherin-11 is a viable molecular target for therapeutic intervention in Glioblastoma multiforme