

## Cadherin 20/CDH20 Protein, Human, Recombinant (His)

### General Information

Synonyms: CDH7L3;CDH20;Cadherin-20

Protein Construction: 60-619 aa

Species: Human

Expression Host: HEK293 Cells

Accession: Q9HBT6

Molecular Weight: 66.3 kDa (Predicted)

AA Sequence: SWVWNQFFVLEEYTGTDPLYVGKLSHSDMDRGGDSIKYILSGEGAGIVFTIDDTTGDIIHQRLDREERAQYTLR  
AQALDRRTGRPEPESEFIIKIQDINDNEPKFLDGPYVATVPEMSPVGTSVIQTATDADDPTYGNSARVVYSI  
LQGQPYFSVDSKTGVIRTALMNDREAKEYYEVIIQAKDMGGQLGGLAGTTTNNITLSDVNDNPPRFPQKHY  
QMSVLESAPISSTVGRVFAKDLDEGINAEMKYTIVDGDGADAFDISTDPNFQVGIITVKKPLSFESKKSYYTLKVE  
GANPHLEMRFNLGPFQDTTTHISVEDVDEPPVFEPGFYFVEVPEDVAIGTTIIQISAKDPDVTNNSIRYSIDRS  
SDPGRFFYVDITGALMTARPLDREEFSWHNITVLAMEMNNPSQVGSVPVTIKVLDVNDNAPEFPRFYEAFC  
ENAKAGQLIQTVSAVDQDDPRNGQHFYSLAPEAANNPNFTIRDNDNTARILTRRSGFRQQEQSVFHLPLIL  
IADSGQPVLSTGTLTIQVCSDDDDGHVMSCSPEAYMLPVLSLR

### QC Testing

Biological Activity: Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.

Purity: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 331 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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