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DATA SHEET

E-Cadherin Human Recombinant, HEK

Item Number	rAP-2872
Synonyms	Epithelial cadherin, E-cadherin, Uvomorulin, Cadherin-1, CAM 120/80, CD324 antigen, CDH1, CDHE, UVO, ECAD, LCAM, Arc-1, CD324, Cadherin-E.
Description	E-Cadherin Human Recombinant produced in HEK cells is a secreted protein with the sequence of Human E-Cadherin (amino acids Asp155-Ile707) and fused to a 6xHis tag at the C-terminus.
Uniprot Accesion Number	P12830
Amino Acid Sequence	DWVIPPISCPENEKGPFPKNLVQIKSNKDKEGKVFYSITGQGADTPPVGVFIIERET-GWLKVTEPLDRERIATYTLFSHAVSSNGNAVEDPMEILITVTDQNDNKPEFTQEVFKGSVMEGALPGTSVM EVTATDADDDVNTYNAAIAYTILSQDPELPDKNMFTINRNTGVISVVTTGLDRESFPTYTLVVQAADLQGEGL STTATAVITVTDTNDNPPIFNPTTYKGQVPENEANVVITTLKVTDADAPNTPAWEAVYTILNDDGGQFVVTTN PVNNDGILKTAKGLDFEAKQQYILHVAVTNVVPFEVSLTTSTATVTVDVLDVNEAPIFVPPEKRVEVSEDFGV GQEITSYTAQEPDTFMEQKITYRIWRDTANWLEINPDTGAISTRAELDREDFEHVKNSTYTALIIATDNGSPV
Source	HEK cells.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized E-Cadherin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CDH1 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Formulation and Purity	The CDH1 protein was lyophilized from a 0.2μm filtered solution in PBS, pH7.4. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized CDH1 in sterile 18M-cm H2O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only