Human Adult Colon descending Membrane Lysate

Cat. No. Colon descending-6H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Creative Biomart's membrane proteins are prepared from a large variety of documented and compliant quality tissues, including normal and diseased tissues from human and other species.
Species	Human
Description	Tissue membrane protein is prepared from whole tissue homogenates and presents a consistent pattern on SDS-PAGE analysis. The protein is stored in a buffer with protease inhibitor cocktail.
Components	All components may be considered bio-hazardous and may contain unidentified contagious material.
Shipping	Dry Ice
Quality control Testing	1. Protein lysate is verified on SDS-PAGE analysis as a consistent pattern. 2. Protein lysate is positively confirmed by Western Blot using specific biomarker: GAPDH for total protein, cytoplasmic and universal total protein; Histone for nuclear protein; Na/K ATPase for membrane protein; Vimentin for cytoskeleton protein.
Safety Testing	Effects of Overexposure: N/A Respiratory Protection: Wear masks while handling protein sample. Ventilation: General ventilation. Fume hoods should maintain a minimum face velocity of 100 lfm. Protective Glove: General lab safe impermeable gloves Eye Protection: Wear splash goggles or full-face shield. Keep eyewash station in working order. Handling and Storage: Wear appropriate protective clothing and

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	avoid using sharp material such as needle, blade or broken glasses. Store in cold.Environment Protection: Treat all lab supplies that have contaminated with protein product with 2% bleach for 30 minutes, then autoclave for reusing or through away as biohazards.
Storage Buffer	HEPES, pH 7.9, MgCl2, KCl, EDTA, Sucrose, Glycerol, Detergent and a cocktail of protease inhibitors
Storage Instruction	See User's Manual for storage information. Handling and use as infectious material. Work under fume hood. Protect workers and environment. Store product in a safe place. Avoid unauthorized access.
Applications	Western Blot (10 µg to 20 µg per lane is recommended for a mini gel). Immunoprecipitation, Electrophoresis, Enzymatic activity analysis, Protein-protein interaction, tissue specific expressio

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