

# Human Amygdala(Alzheimer's Disease) Membrane Lysate

**Cat. No.** Amygdala-1H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Description</b>	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.
<b>Concentration</b>	2 mg/ml
<b>Components</b>	All components may be considered bio-hazardous and may contain unidentified contagious material.
<b>Shipping</b>	Dry Ice
<b>Quality control Testing</b>	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.
<b>Safety Testing</b>	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

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gloves Eye Protection: Wear splash goggles or full-face shield. Keep eyewash station in working order. Handling and Storage: Wear appropriate protective clothing and 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, MgCl<sub>2</sub>, 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 expression.

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