

## 32-6674: ASPA Human

**Alternative Name :** Aspartoacylase, Aminoacylase-2, ACY-2, ASPA, ACY2, ASP

### Description

Source: E.coli.

Sterile Filtered colorless solution.

Aspartoacylas or ASPA, is a protein, found in several tissues such as skeletal muscle, cerebral white matter, kidney, liver & lungs. ASPA is a homodimer that catalyses the deacetylation of Nacetylaspartic acid. In order to create L-aspartate & acetate.

ASPA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 313 amino acids (1-313) and having a molecular mass of 35.7 kDa. ASPA is purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** The ASPA solution (1mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MTSCHIAEEH IQKVAIFGGT HGNELTGVFL VKHWLENGAE IQRTGLEVKP FITNPRAVKK CTRYIDCDLN  
RIFDLENLGK KMSDLPYEV RRAQEINHLF GPKDSEDSYD IIFDLHNTTS NMGCTLILED SRNNFLIQMF  
HYIKTSLAPL PCYVYLIEHP SLKYATTRSI AKYPVGIEVG PQPQGVLRAD ILQMRKMIK HALDFIHFN  
EGKEFPFCAI EVYKIIKVD YPRDENGIEA AIIHPNLQDQ DWKPLHPGDP MFLTLDGKTI PLGGDCTVYP  
VVFNEAAYYE KKEAFKTTK LTLNAKSIRC CLH