

Recombinant Human Fructose-Bisphosphate Aldolase A/ALDOA Protein(C-6His)

Cat.NO.: TP05517

3th Edition

Synonyms:Fructose-Bisphosphate Aldolase A; Lung Cancer Antigen NY-LU-1; Muscle-Type Aldolase; ALDOA; ALDA

Description:Fructose Bisphosphate Aldolase A (ALDOA) belongs to the class I fructose-bisphosphate aldolase family. ALDOA is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. In vertebrates, three forms of this ubiquitous glycolytic enzyme are found, Aldolase A in muscle, Aldolase B in liver and aldolase C in brain. Aldolase A Interacts with SNX9 and WAS. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. In addition, Aldolase A plays an important role in glycolysis and gluconeogenesis; it may also act as a scaffolding protein.

Form:PBS

Molecular Weight:40.5 kDa

Sequences:Pro2-Tyr364

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.