



Taurine [G-BSA] (DAG3410)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Taurine, G-BSA-conjugated
Specificity	Taurine conjugated with glutaraldehyde (G) and bovine serum albumin (BSA).
Nature	Synthetic
Expression System	N/A
Species	N/A
Purity	Purity is greater than 90.0% as determined by SDS-PAGE
Conjugate	G-BSA
Applications	immunohistochemistry and immunocytochemistry
Reconstitution	Reconstituted in deionized water (250 µg)
Procedure	None
Format	Lyophilized
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term
Warnings	PLEASE note that this product is intended for research use only; not for diagnostic or clinical use.

BACKGROUND

Introduction Taurine, or 2-aminoethanesulfonic acid, is an organic acid. It is a major constituent of bile and can be found in the large intestine and in the tissues of many animals, including humans. Taurine is the most abundant free amino acid in the human body. It has a ubiquitous distribution and accounts for approximately 0.1% of total body weight. Taurine has many fundamental biological roles such as conjugation of bile acids, antioxidation, osmoregulation, membrane stabilization and modulation of calcium signaling. Taurine is essential for cardiovascular function, and

development and function of skeletal muscle, the retina and the central nervous system.

Keywords

Taurine; 2-aminoethanesulfonic acid; 2-sulfoethylamine; 2-Aminoethylsulfonsäure; TAU; TAURINE, REAGENT; Ethylaminosulfonic acid; O-Due; Aminoethanesulfonic acid; TaurineForSynthesis; TURIN
