

Recombinant Human NUDT5 / ADP-sugar Pyrophosphatase Protein (His tag)

Cat.NO.: TP08165

3th Edition

Synonyms:hYSAH1;YSA1;YSA1H;YSAH1

Description:ADP-sugar Pyrophosphatase, also known as NUDT5, eliminates toxic nucleotide derivatives from the cell and regulate the levels of important signaling nucleotides and their metabolites. NUDT5 functions as a MutT-related protein and catalyzes the hydrolysis of 8-oxoGDP to 8-oxoGMP, thereby preventing misincorporation of 8-oxoGua into RNA. NUDT5 may play significant roles in regulating the G1-S transition in mammalian cells. It can also hydrolyze other nucleotide sugars with low activity.

Form:PBS

Molecular Weight:26.3 kDa

Sequences:Glu2-Phe219

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.