MATERIAL DATA SHEET

MYSM1, human recombinant
Cat. # E-598

Histone H2A deubiquitinase MYSM1 is a specialized metalloprotease with a predicted molecular weight of 95 kDa. MYSM1 is a member of the peptidase M67A family and the human protein shares 79% amino acid sequence identity with its mouse ortholog. MYSM1 has been reported to function within a large chromatin remodeling complex, containing itself, PCAF, RBM10, TRIP5, and possibly other proteins. MYSM1 plays roles in hematopoiesis and lymphocyte differentiation, stem cell maintenance, and innate immunity.

Product Information

| Quantity:  | 50 µg |
| Stock:     | X mg/ml (X µM) in 50 mM HEPES pH 7.5, 100 mM NaCl, 10% (v/v) Glycerol, 2 mM TCEP |
| MW:        | 95 kDa |
| Purity:    | ≥ 90% by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie Blue Stain. |

Use & Storage

Use:
Reaction conditions will need to be optimized for each specific application. We recommend an initial recombinant human MYSM1 concentration of 20-100 nM when using Ubiquitin-AMC or Ubiquitin-Rh110 substrates (U-550, U-555)

Storage:
Store at -80°C. Avoid multiple freeze/thaw cycles.

Literature

References:

For Laboratory Research Use Only, Not For Use in Humans

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