Histone H3/H4 Tetramer, Recombinant Human

Catalog No	16-0008	**Species**	Human
Lot No	19228003	**Source**	*E. coli*
Pack Size	50 µg	**Tag**	None
Concentration	25.6 µM	**MW**	53,210 Da

DESCRIPTION

Histone H3/H4 Tetramers made from recombinant histones expressed in *E. coli*. Histones H3 and H4 were expressed and purified individually, then assembled into tetramers that were further purified using gel filtration chromatography.

TECHNICAL INFORMATION

Storage	Stable for six months at -80°C from date of receipt. For best results, aliquot and avoid freeze/thaws.
Formulation	1.36 mg/mL H3/H4 Tetramer in 36.8 µL 10 mM Tris-HCl pH 7.5, 2M NaCl, 1 mM EDTA, 2 mM DTT, 20% glycerol.

APPLICATION NOTES

Recombinant histone H3/H4 Tetramer is suitable for enzyme assays and nucleosome reconstitution.

GENE & PROTEIN INFORMATION

UniProt ID	H3 - P68431 H4 - P62805

VALIDATION DATA

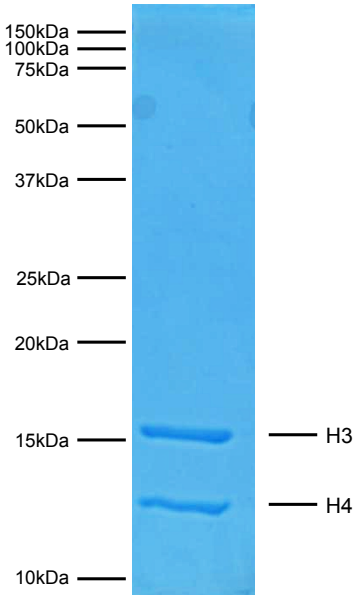

FIGURE 1 Protein gel data. Histone H3/H4 Tetramer, Recombinant Human (1 µg) was run on a PAGE gel and stained with Coomassie blue. The migration and molecular weight of the protein standards and migration of H3 and H4 are indicated.

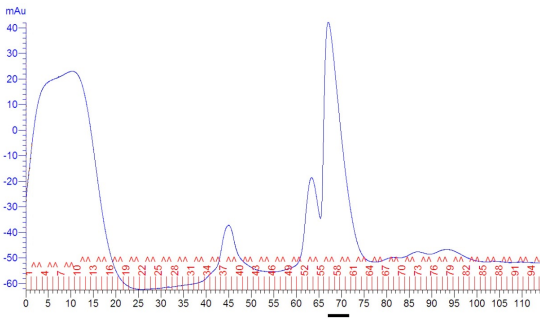

FIGURE 2 Purification data. Chromatogram from gel filtration purification of Histone H3/H4 Tetramer, Recombinant Human. Only fractions corresponding to the intact tetramer (as indicated, black bar) were collected and pooled.