

## 32-9218: Recombinant Human Deoxyhypusine Synthase/DHS (C-6His)

**Alternative Name :** Deoxyhypusine Synthase, DHS, DHPS, DS

### Description

Source : E. coli;

Human Deoxyhypusine Synthase (DHS) is vital for the first step of hypusine biosynthesis. DHS catalyzes the NAD-dependent oxidative cleavage of spermidine, the subsequent transfer of the butylamine moiety of spermidine to the epsilon-amino group of a specific lysine residue of the eIF-5A precursor protein to form the intermediate deoxyhypusine residue.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 20% Glycerol, pH 8.0.

**Amino Acid :** Recombinant Human Deoxyhypusine Synthase is produced by our E.coli expression system and the target gene encoding Met1-Asp369 is expressed with a 6His tag at the C-terminus.