1 Purpose
nag_omp_in_parallel (x06afc) returns 1 if called from within an active OpenMP parallel region, and 0 otherwise.

2 Specification
#include <nag.h>
#include <nagx06.h>
Integer nag_omp_in_parallel ()

3 Description
nag_omp_in_parallel (x06afc), for multi-threaded implementations, returns 1 if called from within an active OpenMP parallel region, and 0 otherwise.
In serial implementations of the NAG C Library this function will always return 0. See the x06 Chapter Introduction for a discussion of the behaviour of these functions when called in serial.

4 References
OpenMP Specifications http://openmp.org/wp/OpenMP-Specifications

5 Arguments
None.

6 Error Indicators and Warnings
None.

7 Accuracy
Not applicable.

8 Parallelism and Performance
Not applicable.

9 Further Comments
None.
10 Example

See Section 10 in nag_omp_get_thread_num (x06adc) for a demonstration of how to use nag_omp_in_parallel (x06afc).